

<220>
 <221> misc_feature
 <222> (1) ... (722)
 <223> n = A,T,C or G

<400> 2598
 gttcaatgct nggctcttgt tctttntgca ggatccctcg attcgtttgg tcagttgcac 60
 cttctgggtc actggtagcc gcgggagccg ggtggggcct aggcgatgat ccggcattaa 120
 ggagctggga tcctcctccg tctcaggtgg tttggggaaa gtgtaggggc aaccaaagat 180
 catcggttg actaggccct ttgccctgaa cctcatgaag aaatgatagg aggcagacat 240
 atgtgcctaa aaagagcgtt gagctcagag aagagcaact cggagttttg ggggtgtgct 300
 ttgatttggg tacatcaatg gcagaatcat ccagcgaatc agatcacttn cgctgtcgtg 360
 accgattgag tccatgggct gccagatcaa cgcacagggg aactcgaagt cttcctacag 420
 tagaagttac cgagaaggct aacactataa caagtacttt acaggatacc agtcggaacc 480
 tgcgacaagt ggaccagatg cttggacgat accgagaata cagtaatgga caggcgggtg 540
 cgatagaaca tgtgagaaac tacatttggg tgcattttct cctaccacc ttttttgggg 600
 aatgaantgt tttggggaat ggggcttggg aactaaaagg aaaaaacca ttggtgaaag 660
 tgcttttaga attttaaacc tgnatttaat tattttatan gtttnaaagt ttaagggttag 720
 ct 722

<210> 2599
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (792)
 <223> n = A,T,C or G

<400> 2599
 agtgcttcta ntnnattgct acttgttctt tttgcaggat cccatcgatt gcgaattcgg 60
 caccgagggtg atctctcatc agtgtttgac agttaatcac ttttccctcc ttgaaatacc 120
 gggggntgag gcttncaaga caccacacac aactgggtta cctctctctg nctctctctt 180
 ttttgtttcc tttgctgact ctttctcage atttcngcta gggtnnagtc catggcattt 240
 cttnacattn ntggctacct ttctccctta angtaentnt ctagacttcn aantccatnn 300
 attcctagtt tnaagatntc cctttancaa cttaattnca tnnannttn nanacacagt 360
 ccttgaanat tnccnanagc caaaacacgg antcgtaent gaaccctnn nnnntctcat 420
 atcacatata cggtntgtca tcanntcatg atatncttcn cnetttnttn nanantnttn 480
 ccnntntctt atnaattcnt ttngnanctn ttctnccnc aatccaaang annnttannt 540
 gcttnnatta aactatatnt annggngntt ttntctntc tcnngnganan aaanatnttn 600
 naaancccg nnncttaaat ncaattntnt gcncctttct nnnaaatgnc nanngnccnt 660
 taatcatcca actnggtngg ntccaggggn ncanatggct ntaccaatcc ttgcnaanc 720
 cntcacgnnc tttttggcnn nnggccttn tantnccgcc nanatctacc ctcgtnnngg 780
 aangccantt nc 792

<210> 2600
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 2600

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ggcngntnta tgnagctctt gttcttttgc aggatccctc gattcgcaaa gccactttga      60
attctggaaa gttgacctga tggagaagaa ccaggaaaac caagaccagc atttgaggaa      120
agctggtttt gtcaacaaca aaatactgat ggaagacaga aatagtgttt taggagaaac      180
atttaataata aattcaaacc ttgttccaat gagaaaaata cctgataaat atgacttatg      240
tataatgaac gtgaattata tttcagaatt aattgttagt aatagaaact cctttggaag      300
gaagcttgat gagctcagtg cacatgcgaa attgtcctt catatgacat gagcatcctt      360
atgccagaga gaaacatttt gagtgtgata gaaatgagaa agccatctgt tagaatgagg      420
acttattttca gcatcaggat attcaaactc tgaagcaaat ttttgaatac cttgagtgtg      480
ggaaagcttt tcatgaggag gcagccttca gtaccataa gagagtgtgc ttcttgaggag      540
aaaccttggt aatataatga acaacttaag agccttttct gacaatncaa accttcttgg      600
tcatcagagt actcacagaa gggaaaatca ctacgagttt aattgctggt gggangaagt      660
ctgtngtgag aaatctntaa ttaacaccat ggaggaatca tggggaaaaa ta              712

```

<210> 2601

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2601

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ggngnntttt atagatacan gctacttggt ctttttgcag gatcccatcg attcgaaaca      60
acggagttct cttttctgaa tctgcaaaaa agggactactca ctttgtccag ttatgctgcc      120
aaagaaatat tcctctgctg ttccctcaaa acattactgg atttatggtt ggtagagagt      180
atgaagctga aggaattgcc aaggatgggt ccaagatggt ggccgctgtg gcctgtgccc      240
aagtgcctaa gataaccctc atcattgggg gctcctatgg agccggaaac tatgggatgt      300
gtggcagagc gtatagccca agatttctct acatttggcc aaatgctcgt atctcagtga      360
tgggaggaga gcaggcagcc aatgtgttg ccacgataac aaaggaccaa agagcccggg      420
aaggaaagca gttctccagt gctgatgaag cggctttaa agagcccatc attaagaagt      480
ttgaagagga aggaaaccct tactattcca gcgcaagggt atgggatgat gggatcattg      540
atccagcaga caccagactg gtcttgggtc tcagnttttag tgcagncctc aacgcaccan      600
taganaaaga ctgactttcg gnatcttcag gatgtaactg ggaataaaa gatgttttct      660
gttgacatg tactggaaaa ttaacacatg tngtagcctt aaaaatttta gacttnttct      720
aacatgangn ttg              733

```

<210> 2602

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2602

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ngnggnnttt tagatcagct cttgttcttt ttgcaggatc ccatcgattc gaattcgctca      60
cgagaactcc tactgttgaa tacatctgca cccaacagaa tattttgttc atgttattga      120
aagggtatga atctccagaa atagctctaa attgtggaat aatgttaaga gaatgcatca      180
gacatgaacc acttgcaaaa atcattttgt ggtcggaaca gttttatgat ttcttcagat      240
atgtcgaaat gtcaacattt gacatagctt cagatgcatt tgccacattc aaggatttac      300
ttacaagaca taaattgctc agtcagaat ttttgaaca gcattatgat agatttttca      360

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gtgaatatga gaagttactt cattcagaaa attatgtgac aaaaagacag tcaactgaagc 420
ttctcgggtga actactacta gatagacaca acttcacaaat tatgacaaaa tacatcagta 480
aacctgagaa cctcaaatta atgatgaacc tgctgcgaga caaaagtcgc aacatccagt 540
ttgaggcctt tcacgttttt aagggtgttg tagccaatcc taacaagacg cagccccatcc 600
tagacatcct cctcaagaac caggccaaac tcatagagtt cctcagcaag tttcagaacg 660
acaggacgga ggatgagcag tttaaccgac gagaagacct atttagttaa acagatcagg 720
gn 722

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<210> 2603

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2603

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ggnggggtttc taatagnnng ctacttggttc tttntgcagg atcccatcga ttogaattcg 60
gcacgagaaac cagagctggg cccaggccag gaaacaggca ccaattcccg aggaaggctcg 120
cctagcccca ttgggggtggg gtcagagatg tgcaggggagg aaggggggaga gggcacgcca 180
gtgaagcagg acttatctgc tccccctggc tacacctca ctgagaacgt ggcccggatc 240
ctcaacaaga agctgctgga acatgcctta aaggaggaga ggaggcaggc tgcccacggg 300
cccccgggtc tccacagtga cagccactcg ctgggggaca cagccgagcc agggcccatg 360
gaggaactac cttgttctgc actagctcca tccctagagc cctgcttctt caggcccag 420
agaccagcaa acccgctgcc cttegtcccg ttggggcccca cattcccca ctgcttacag 480
gcttagtcac cccggagacc cgacgtncct ggangancat ggtggcnaag agcccgcccc 540
aggagcanc acaccgagat gcaaacttgc attggattat cacaagtnta aattcacttg 600
gaattttgca ttaaccccn cccnttacc ttgnaacaaa aatttttgnc caacagggag 660
gaanatctta ntttttttca anggncaaaa naaatgtttt tttnaaaaac cccaaaanct 720
tgnttnaaat gttnaaacct tgggaaaact tgggaatttt t 761

```

<210> 2604

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 2604

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ggggnttttt naccacgtc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gagaacgggtg tctggtggag aagagctgag ctccctggc cccttctgaa atggggtcag 120
gaaggggagc angaggggna ttntncatgg tgctcctgcn natangtatt tctttnnctc 180
nctnatctct ctnagtcatn nctcagtcaa ccacatatat taagacctat gcacagaaca 240
attctattcc tataaaattc tataaaatgc anactanncc ataatgacaa aaanaatatt 300
actggtttcc tagggatggg atgtnnngcaa agagagacga cagatgnang nattaccaat 360
gagcacagng ganactntng natgcangga tatgctcatt gtccttgact gctgatgggt 420
tnacnagggtg ggcccaaaac tatntcaaac ttttcacttc atctatatga ccanctgtca 480
tatgccaat atacctcaat taatcctgat taaanncatt tanngntatc tctactngta 540
aantttaaaa ccncttttta cnttaccncc cctgtantca ntcagtngc cnttccnaa 600
aaacttccca anngtatttc tancnataaa nnaggcttcc tnnntaaccn anttnnacct 660
tcnttnngnn natnctnnnn naccttattn cttaattctt ctgaaanaat tcaacntant 720

```

attataccta tttnaaance ttctnccaac ttctttantn nnngcacctt tcttctcntt 780
ataatcccan cnanncncg 799

<210> 2605
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2605
gggggtntct aatgcnggct acttggttctt tttgcaggat cccatcgatt cgccgtcttc 60
gccaaggccc cgcccgagcc tagttgttct cccctgaat gtgtagaacc ttcctttgaa 120
atctcttaat cgggtgcattg aggtttccac atctttttcc aagcagtgcc ccacttcatg 180
gatttatagc tatagtctat gcagtcgtta cctctttttt tttttttaag aaaattgaag 240
attgggggtgg tggaggcagt agggagatgg gattgggcac ctccccctg ctggggcctg 300
gatttttgta aataaatttc ccaagcggtt ctttccacct ggagggaag ggggggacgc 360
ccccagtga attcaaatca cgcctctcta ctctctgctg tgagtgcgtg tgtacatgtg 420
cactccccac cctgctccct tcccagaggg attgctgtga aatttttttg gtggcaaata 480
aagataaatt tcattctgtt caaaaaaaaa anaaaaaaaa actcgagcct ctagaactat 540
agtgaagtcg tattacgtag atccagacat gataagatca ttgatgaagt ttggacaaac 600
cacaactaga atgcagtga aaaaatgctt tatttngaa aattggggat gctattgctt 660
taatttgnaa cccttntnag ctggaattaa ccaagttanc accaaccaat tgcnttcatt 720
tttatggtt 729

<210> 2606
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 2606
nnnagnngng gnnantnnnn nnnttttgn aagncgttgc tacttggtct ttatgcagga 60
tcccatcgat tcgaattcgg cacgagggtg aacaaaaatg gccagattc ttattcagaa 120
accaattcac attttaaaaa tatatactgt acactaccc atcctcttcc taatagctaa 180
agtgatctac cctaaaacac caagcagtc ttcttacagt ttgttccctc ctgacagttc 240
attgattaca atgtgaaagc accaacctga gctaaaatga aatgagaagc ctgatgtttc 300
aggcaccaag tacttttaaaa atgtctactg gctgtcctgc agcattttac ttaatcattt 360
tttagaggag ggatgaggac tggttgggta aaggaaatca tcaaatggag ccttaaataa 420
ctgattacaa aagctttttg taaaatcaca caaatatttc aagaataaat gcattccaga 480
gatacaaatc aggccaaaag aaacaaaaat caatgaaatt ggcattacac ttgtaaaagg 540
ccaaatggac acaagccctc gagcctctag aactatagt agtcgtatta cgtagatcca 600
gacatgataa gatacattga tgagtgttga caaaccacaa ctagaatgca gtggaaaaaa 660
atgctttatt tgtgaaattg tgatgctatt gctttatttg gaccattata agctgcaata 720
aacaagggtta acaacaccaa tggcttcatt tatgtttcag gnt 763

<210> 2607
<211> 740
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 2607

agggggnnnnn	ntttntnagg	gcagntttnt	nnatacangc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	tttgTGcaaa	taccttgaaa	actttgaaac	120
ttgaccccg	acaggcctgg	tgccaggctc	tttccgactt	ttgtgttttc	ttccacctt	180
tcactactga	ctttgcctct	ttcctaccag	gaatggacag	ggccgatgga	ggtgaagcgg	240
acagcagctg	cactgccttg	tagagattcc	caggccctgc	ccacttcaaa	gcacacaagc	300
ccacctcttc	ctcatcacat	ttccctttgc	aacccaggga	ggcactcacc	aggatgctgc	360
caagaaggaa	acatttttatt	aacatgtttc	tttgTttccg	atgcacttaa	aacacttggg	420
cctcttgacc	aagtctagtt	ttaggacttc	aaaggggctg	tgaaagccac	atTTtgatga	480
ctttggtgta	aaatgagtag	ggcatatcgg	gatttaattt	cccttgaaag	ttgcacagac	540
ttaaaaatta	gcagaatagg	ctagcagaat	angccgatg	ccgtggctca	tatctgtaat	600
ccagcacttt	gggangccga	ggcangcgga	tcacctaagg	caacagttnc	anaccaagcc	660
tgGCCAACAT	ggtgaaaccc	cctcttacta	aagatngaaa	aaattaanct	gggccgttgt	720
ggtgcaacct	gtaatcttac					740

<210> 2608

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (718)

<223> n = A,T,C or G

<400> 2608

gcggnnnnntc	ttcanatgnc	ngctcttggt	ctttntgcag	gatcccatcg	attogaattc	60
ggcagcaggtt	cattttttaa	aagcttctcc	ttattatggt	gttgTttaac	aacttaaacy	120
ctatctctag	accaggaata	attatttgct	atatattaca	gcaaaaaata	tgtatgtata	180
aatggactca	ttcaaaatat	ataaagaact	cctattacaa	agaaattgac	aaacagccca	240
gtatatcaat	gaatataaaa	atTTgagaag	atattttcca	taagaagata	tctaaatgaa	300
cattaggcat	gagaaaacca	aatttttagga	tatcactaca	cacctggcat	agtttaaaag	360
actgaaaata	ttaagtgtgt	gggaatgtag	agcaactgga	aatggcctac	atctttcata	420
gaaatgtaaa	acaatacaaa	tactttgcaa	aactctgtcc	aacattttct	acccattcac	480
caagcaactc	catccctagc	tatagatacc	caggaaaata	agtatgtatc	ttcacagaaa	540
taattgnatg	agaatattca	tagttcttat	gcacagtagt	tatcaagtaa	acctgtctnc	600
catcagaaaa	atggatatca	aatgggggtga	taatcatnca	atcaatagga	tattacttgg	660
ccaaaccaaaa	tgaacaagg	gaaaaccaca	tcaaccaa	at	tagtggcntn	718

<210> 2609

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 2609

```

ggcagctctc taatgcnnngc tacttggttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagcaaa gtactgggat tacaggcatg agtcactgag cccagcctaa taaagaactt      120
tctgacagtg aaaatgggtct gtgcatgggtg tgggtggggt gaggtgagg ccgggcgtgg      180
atggagcagc agggaggttg tagacaatgt ccagacatca gagagagggc tgggctctga      240
tcctgtgcca cctgaaagg ctttgatcct atggtttggt cagaaacaga gcctgtaaaa      300
cccatgtatg cagctgttg ctaagggaac cacaagatgc tcaaaggacc ttaaagatgt      360
agatgcagtt agttacctga agaagtgaag gtagaagtga agtcctttct aaaagaaaaa      420
ccacagacac aatggcaatc tggggagaaa gagagcctgg gattgggaga agatatccag      480
gcatttagct ctctcttccc cccatattta gtgtgacata tttattgtga ctttataaat      540
tcttttttta attttaattt ttattttaat gtttgtgggt atgcagtagg tgtatatatt      600
tatgggacac atgagatatt ttggtacagc aggtgtttat cttgaccgac gtcttgnctc      660
tactgcctgt cccgntctta acatccttct ctttctactc cccttaccce gtntt      715

```

<210> 2610

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2610

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gcggnnntnn ttctaagcn ggctcttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagat ttaaatagtc tgtctttaag agtagctctg agattttttt ctggtaaatc      120
actatttaac ctctctgatt tgtttagttt ttctcatcta taaaattgaa atgataaaat      180
gaaggttaaa ttagaaaatg tagaaaatgc ctagaacaga gtcttgcata tggttggtac      240
taaagtgttt tgttcccat ggatagtatc ttctcttaaa gatcctttga aagggtctta      300
aagtgaacct tgtaggatgg taatttttgt tcattttaat ttttttagta agttttgatt      360
gagatcttga atttcattta gaaaatttct gctaagcaag aagcagtggg aaaattacag      420
gaaaagctgt ctagacttga ctacatagaa attataaatg tttgcatatc acattgtcaa      480
aaaacaaaat taaaagatat tgacatgaaa atatttgtat gtgggcagaa aaaagttaa      540
tattcttaat attaatgagc tcttagaaat cttaaaaata attaaacatt tgatagaata      600
atgaacaaag gacatgaata ggtggttcat aaaagaaata taaatagcta ataagcatat      660
gaaaatggtg ttagcctag gataatcaaa gaaactcaaa tccatctttt ggttggtgcaaa      720
ttg      723

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<210> 2611

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2611

```

ggggactctg ttctnacagc tacttggttct ttaggancca atccangagn aatnngnccc      60
gancncagnc cnaatnctn ttttccgcnc ctgggtncnt cacttcctng cggaanagac      120
agnnatcttc nnggntncat tcntatgaaa ncanggnntg gnntgaaaat gtcttnccag      180
ntncaacagg cnatnaacac atgcctaaaa gatcntgtaa ggggtttcag nacacgacga      240
gtcctctagc gctttgtgtt cacaccttta ctccatgatc cgtggaaacc ggccaacaca      300
gacgagcctt ncttatnct nntactcagc ctctttgatg acacancaga ancagacgtg      360

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actatgctct	cgtatatatg	cagacaatct	angcctgttt	tncataccag	acncaggaag	420
aagcccgttg	ttataatgca	tcatatatac	attacactct	nnagtttctt	ggnagtcacc	480
tactgcagtc	atttcaagg	agnctnatgg	gtaaaggunc	ataaaggaaa	ngangaggaa	540
aantantcnc	ctantannng	gaaaattgag	tcnangctga	caggtgnnat	angaaaantt	600
ttncnaggcc	tttggggaang	tcaccgggaa	aaccgtgggt	ngatttncag	aatttccana	660
atttccggaa	tttcangaat	gaaccgattt	ttaaaattcc	agtngnttgn	aaaatgggtt	720
ttgncnngga	aaaaatttan	nttcccnttt	taaatccgna	atttttcaaa	antgntnttn	780
cccaaggggn	catttttnaa	taaccnttnc	tcaan			815

<210> 2612

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2612

gngggnnnnn	ntttttnnan	ngcgtntata	gcnggctctt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggccagcttg	acctgggtgt	gggcccgttg	ggcgagaatg	120
aagctncact	gtgaggtgga	ggtgatcagc	cggcacttgc	ccgccttggg	gcttaggaac	180
cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc	agacttccag	gagtcagccg	240
ccggtccgag	ccttccgtgt	catctccacc	ctgaaggaca	agcgcgggac	ccgctatgag	300
gtgcgtgaag	tgggcaggcc	ctgtcagtct	cgcgttcttc	ttggaagccg	agacgcgggc	360
caccctcggt	cctcatgctc	ccggctgctc	cctaggcgaa	agcccgcctt	gggggttctt	420
gaactcccag	ccttgagacc	taccatcagc	ccgaccccan	ggtcctgtgc	gtcttccctac	480
ggacccgaaa	gaagaaagct	ttgagagtgt	accttttctgc	tatttttctt	cccactttta	540
cgactttgaa	tttacagtgt	tgtatatttag	tagtggatgg	caatcccgc	tgtttcaagt	600
ttctgaaatt	ttgcgtgaaa	caagcgcaaa	tgaagcaact	tgtccagttg	gggaacagta	660
aaataactgc	agttcttgtt	caatgaaaaa	aaaaaaaaaa	aaactcgagc	ctntagaact	720
atagtgaagc	gtattacgta	na				742

<210> 2613

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2613

ggngcgtcta	tggtgctctn	gttctttttg	aggatcccat	cgattcgctg	gatccagtc	60
aggccagagc	ctcctctgca	gagaaggtac	taggtgccca	tgcacagggg	gactgccagc	120
ctcgtggagt	gggggcagtg	gtgtccctgc	gggcgggctt	ggtcttctga	ggccatgtca	180
gtgccacccc	agggccgccc	tccatggcag	tgtggggcca	acaagcctgt	cttcccattt	240
ttctgagaga	ggctggaaat	cctgttcttt	ttatatataa	agtgtttcct	tttcaaaata	300
ttggcaacta	agtaaatcca	aacaaagtat	gggcaaaatc	atggcacact	cctgccccac	360
aggtggccct	ccagctaaga	gtcatgttta	caattttaga	ggtttggtgg	gctccagtgg	420
gaccacgcct	gggggtggag	tggtctgtgg	tgaaccgtgt	ctccactccc	acacctcgcc	480
actgagaaga	cagagcacgg	gatcgtgaca	gccgagctcc	accgccttca	ctagtccactg	540
tggcctgcag	gggctgncag	cctctgatto	aagagccagt	gggccgcccga	ggacacactn	600
ccttccttcc	ctgcctgggg	tcctgtgcnt	ttgagctgaa	actgttctng	gccttttctg	660

aaaaggatng tagaacgcn gantggcatt ttantggtga atgggccttt gcaggaacac 720
t 721

<210> 2614
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 2614
ggngttttat agcngctctt gttctttttt caggatccct cgattcgaat tcggcacgag 60
cctaggcttt accctcaata ctgcttctgg cnngnccaan cngtctntnt ccngtggctc 120
tgngtgatgt gactngtctt cttctccaag gcagtattac tcataaattc ttcttttagcg 180
gtactgatct atctgtgtca tcgctcagtc aaccacatat attaagacct aggcacagaa 240
caattctatt tctataaaat tctagaaaat gcaaactaaa ccataatgac aaaaagaata 300
ttagtgggtt tcctagggat gggatgtggg caaagagaga cgaaagaagg agggattacc 360
aaggagcaca gggaaagtcc gggatggagg gatatgctca ttgtcttgac tgggtgatggt 420
tttacagggtg ggccaaacta atcaaaacttt acacttcate tatatgacca gctatcatat 480
gtcaattata cctcaataaa gctgttttaa aacattttaag ggtatatcta ctggaaagta 540
aaactgcttt taattacnag actgnatcat catgtgcata gaaaaaatcc aaanggattc 600
ttccaaaaaa agctactaag aaccactggc cttcatcgag atgccaggtn caaaggttta 660
atattggaaa atcaactatt atttcttatt tcaaaagcca accanaanaa naaannnnann 720
nnnnnnnnnn nnnnnnnnnn n 741

<210> 2615
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

<400> 2615
gnttggnnnn nntttttnnn ancgentttt tatanatata ngctacttgt tctttttgca 60
ggatcccatc gattcgaatt cggcacgagg gggcccccac gcaaactcaa attccctgag 120
cctcaagagg tgggtggaaga gttgaagaag tacctgtcgt agggagattt gggtagaagc 180
cctcatgctg agcttttgtt ccttgggtgat gttggaacat taatgatgga acatggccaa 240
acttcagtca tgatcctgaa accatggctt caggatcatg actgaagtca tggtttcttc 300
cctgccagaa atgaagggtc agttatgagg caaccctcta gtaaggcatt gtaaaagtta 360
ctggattttg ttttaataaaa gttgaaataa agtanaaaaa aaaaaaaaaa aaaactcgag 420
cctctagaac tatagtgagt cgtattacgt agatccagac atgataagat acattgatga 480
gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttattttgtg aaattttgtga 540
tgctattgct ttattttgtaa ccattataaa gctgcaataa acaagttaac aacacaattg 600
cattcatttt atgtttcaag gttcaagggg gangtgtggg anggtttttt aattcgccgg 660
gcncngcngc caatgccntt gggccccggg ncccagcttt tggttccttt aatgangggg 720
taaagtcccc cttnggcgta atcatgggna ata 753

<210> 2616
<211> 722
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2616

gngggggnnt	tctaattnnna	ggctacttgt	tcttttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gtaagtaacc	tgtgcagagc	acagaactag	gattcagacc	tacagaccca	120
caagtcagcc	tctaaggccc	acttataact	gctctttctgc	ttgcaaggcc	ctatggatga	180
aatccagtta	taacctcctt	ttgctataac	tagacacaga	gggaggcggt	tctccctaata	240
ctgtattttat	ccagacaagc	tgtccagcaa	gattttctgag	tgagggggctt	taaggaagca	300
atctgcgggt	gtgtagcctt	ttctccctca	gcaaatacag	aaggagctta	tagcccgggc	360
tcaccttgct	tcagaacaag	ggccaacatc	tgtccatacc	cctgttatag	tgagatggga	420
aaccttgtag	atgttggcac	tgtgtggctc	ttttctttta	tatactgggc	tttaggggtca	480
atcccattta	accaaagggg	tcaatagcta	taaaaaggcg	ttgaaattgt	atggttatatt	540
gagttatagc	tcagtaaagg	cattaaatct	tcagcctaga	tgaccctatt	ccttcccact	600
ctaaccagct	gtgactncag	atggagacat	tgncctgcat	cctctacgtn	cccatnccca	660
catnccancc	agaaacaaat	gtgtgaagtt	tcataccaac	aagaatgggg	gggtaggaat	720
ca						722

<210> 2617

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2617

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttcttttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagaggga	gactggggag	aagggaagaa	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gcccagtaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgctcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggetgcttt	agctgtggat	gcccttgatt	aaggagagaga	ggccttagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggtgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtcac	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnntttt	tt				742

<210> 2618

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2618

gggnntttaan	nncnntttnc	naannagnna	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagga	gaactccaaa	tagcccaaga	gggtggtgca	cccccaactt	120
cataggggta	gaggctcctg	agattaggag	aacccttttt	aggctttact	ctatgtacct	180
cttcatttga	gtgttcattt	gcgtccttta	taaccagtaa	aacaaagtac	gctgttttct	240
tgagttttgt	gagccctgta	gcaaattatc	aaacctgagt	agggcagtgg	gaactcggaa	300
tttatcacca	ttcagaactg	caggttgtcc	ttgtgagtgg	catctgatgt	gggggaagtc	360
ttggactgag	cccccttaact	tgtggagtct	gcactaattt	agactgcact	aactaacttg	420
cactgcacta	acttggactg	cactaacttg	tggagtctgc	actaacttgg	agaagttagt	480
gtcagaattg	aattatagaa	caccagttg	ttcagaattg	aattgtagaa	caccgaattg	540
gtgtgggaga	attagagaat	ttatttgtgt	cagaaaatac	tccagaacaa	ccaccccata	600
ttatgattag	ctcttttccct	ttctttggct	ctgagcttaa	ttgtacatta	agcaaaacta	660
agtagaaaag	aaactgaata	tgttaaatat	attaacaaca	tatttggact	tgcttaactt	720
aagattatng	agatgatcag	ttataaaacc	ccc			753

<210> 2619

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 2619

ggnggnnttn	tanntncttn	nctaantagg	agctctngtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagat	gcagtgtaac	tggcaggagg	ggagtgagaa	ctacttgggt	120
agatgatcag	gagatactct	gcaagaggaa	acatacagaa	ggagcctgac	atgagaaaac	180
tggggcagca	gttttccagg	aagagggacc	agcacaggtc	caagttgaaa	ctcagaatgg	240
aatttttagga	aattatattc	ttcatgatgg	ttagatcctg	tgggctatca	tcactgcagt	300
tcaacaatgt	ggtgcctagt	aggaagagtt	ctcccaggaa	ccctccacgt	gtgctatggg	360
atttctgaga	aaaccagttc	tgagttctag	gcagtggact	cacagttgaa	cttggaggga	420
accaagaatt	gcttccatca	tagccttact	aagaaatgac	catggcatgg	cctgagtgct	480
tcggcatgga	ngaccagaan	gggaagccct	aatttgccag	ttgcagactc	ttgagccttg	540
tgactcta	gacgacnaaa	attaggagat	tttctaggac	tcacgtttgc	gatttttgaga	600
gtagtgtgc	tggggttcct	ggtttgggtt	ctattgattg	tttcattggg	tctgtgtgca	660
agttaccctt	ttctaagctt	aatttttaatt	aatattatat	taagtgaggt	aattagatta	720
tatgaaccct	aangcttccct	tttattctta	accctta			757

<210> 2620

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 2620

nggaggtatt	nnnnnnnnntt	tncnantagn	nngctcttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	ctctgtgaca	ccctttttgt	gatcttcagt	gctgttttta	120
tggttacacg	actaggaatc	tatccattct	ggattctgaa	cacgaccctc	tttgagagtt	180
gggagataat	cgggccttat	gottcatggt	ggctcctcaa	tggcctgctg	ctgaccctac	240
agcttctgca	tgtcatctgg	tcctacctaa	ttgcacggat	tgctttgaaa	gccttgatca	300

ggggaaaggt	atcgaaggat	gatcgagctg	atgtggagag	cagctcagag	gaagaagatg	360
tgaccacctg	cacaaaaagt	ccctgtgaca	gtagctccag	caatggtgcc	aatcgggtga	420
atggtcacat	gggaggcagc	tactgggctg	aagagtaagg	tggttgctat	agggacttca	480
gcacacatgg	acttgtangg	ccactggcaa	catactcctc	ttggcccttc	ccatatctac	540
tcttctgtga	ttgggagact	gcaaggcact	gangagtatc	aaagaagcaa	atattttcac	600
tttgaaagaa	aactgccatt	ttgtatttaa	aaaaaaaaaa	aaaaaaaaac	tcgagcctnt	660
aaactatagt	gagtcgatta	cgtagatcca	gacatgataa	gatncattga	tgagtttgac	720
aaaccacact	agaatgcatg	gaaaaaatgc				750

<210> 2621

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 2621

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atcccatcga	ttcgaattcg	gcacgagggg	actacagctg	tgtaccacca	caccggcctc	120
tcctggcttn	ttaaccactt	acattanaat	tgagaggana	aaggcagttg	acaggggntg	180
tantnaatna	ctngaacnca	ttcanngagg	anttttntnc	ntggccntna	tnagtncnnc	240
tattcatcna	ntntaatgnt	gancnntacn	nttgntncaa	agccntnnca	atcntaaacg	300
ncatncttan	atangtatnn	tcctactgcn	gcatngagca	gntcatnaca	tcagatacag	360
attctcagca	tggaaaacaa	agctnggata	ctgtgtcant	gctgctctgt	ggcaaagaac	420
acctnccttt	ntaagnnaca	gcctcactct	actagaatan	gtcngagcgc	gccattcat	480
ggctgattgc	aacttccact	ggctgggata	cagatctaga	atntgtgttc	agatgcctta	540
cntaggaata	catnctaaca	cattcttaac	aggtttcaag	gggagatant	tngcgatagn	600
acgtagttta	tgcttnagtt	atatgtgtct	gcatctgntt	ttganggtaa	acggcttaac	660
ccnttantta	gggtngttta	nagaattgat	gngtaaataa	cnttgatgna	aaagtttcan	720
atggacnttt	nnantttgcc	ttnaanngtg	gatatnggtc	tattgcccac	ngggntaatn	780
nngaaatanc	g					791

<210> 2622

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2622

ngnggggntn	nnnnnnnnntt	ttcnaatgct	agctcttggt	cttttttgcag	gatcccatcg	60
attcgaattc	ggcacgagga	aaaaggaaag	atggatatgg	aagaaattat	tcagagaatt	120
gaaaacgttg	tcctagatgc	aaactgcagt	agagatgtaa	aacagatgct	cttgaagctt	180
gtagaactcc	ggtcaagtaa	ctggggcaga	gtccatgcaa	cttcaacata	tagagaagca	240
acaccagaaa	atgatactaa	ctactttatg	aatgaaccaa	catttttatac	atctgatggg	300
gttcctttca	ctgcagctga	tccagattac	caagagaaat	accaagaatt	acttgaaaga	360
gaggactttt	ttccagatta	tgaagaaaat	ggaacagatt	tatccggggc	tggtgatcca	420
tacttgatg	atattgatga	tgagatggac	ccanagatag	aagaagctta	tgaaaagtgt	480
tgtttggaat	cagagcgtaa	gcgaaaacag	taaagttaaa	tttcagcata	tcagttttat	540
aaagcagttt	angtatgggtg	atttagcaga	acacaagaag	agcaagaaaa	tgtgtcacat	600

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ctataccaaa ttgaggatgt tgagttatgg tactaatgta tgcaacttta atttttgttta 660
acactatctg ncaaaaattaa actttattcc ctataacttt aaaatgngta tatatatatt 720
aatagtttat ttatgtacag gttnaattct actgggtttt ggcng 765

```

<210> 2623

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2623

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ntnggnnnnn ntttnnnnngt nggttttttag atcagctctt gttctttntg caggatccca 60
tcgattcgaa ttcggcacga ggattcattt ttgtactagt taatatcaac tctttctcag 120
aagtagtcaa aatataaata aaagttcttc aaaagtaacc caggagcaac agctgagcag 180
tgccagagtt gtgaggtaaa catcaatcat ttcacaaatg ttctgacttg ttgagcagtg 240
ttcatttcca ggtttcaaac ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg 300
ccttaggaaa aaagagattt gccaaactct tcatacttcc ttcaataact gcttagcaaa 360
cactcttgag tgtcttctat gggcaatggg ctgtatccat agggatacag agatgaatga 420
acatgaactt ggaaaaaatt attatacaac acaaagtagg aaaacgggag acaaagcata 480
aagaaattag cggagggagg gattgtttga tgggaaggct tagggagtag gtgggatttg 540
aatttgggtc ttggatgggt aaagtaaggg agggcagcag ggtgggcggc aaaaagtggt 600
aggttacagt aagtagaatg gtcaatagcc tattttgact gaagtaaggg ttaaggcttg 660
ttgggagcct gatgatagat ggggatgctg taaactcact gggatgtttt ncaaaagaga 720
accctttaa aactgcgtnn aggagcn 747

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<210> 2624

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2624

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ggnggnnttn tttatntata cangetactt gttctttttg caggatccca tcgattcgaa 60
ttcggcacga gagagcgagt ctctctttgt tgcttaggtt tgtcttgaaa tcctgggttc 120
aagcaatect cctcctcag cctcccaaaa tgctgggatt acaggtgtga gccaccacac 180
ctggcctcta ctttcttata tttccttaaa tagatttctt ttcttttttg attaagaaaa 240
aataaacaga aaattaaaat ttgaacatat tataaaaaatg aaagataatt gtaaaatctt 300
ggtttgagga gtgtctctct gagcccagaa atcatccaga aaaatggaca gatttgactg 360
catcacattt aaaaacttta caatgatgaa aaatacaagt gaagctattc atacaataga 420
ttaggaccaa gtatttttaa catgtattat agacaaaaaa ttaccatcca aaatatagaa 480
ttgtacaaaa attttaaaaa catgggttaa aaatgggcat agggatataa cccggataat 540
tcacaggang gaaaaaaaat ncaaatggcc caataaacca tgaaaanggt ggttggttaag 600
gctgggggtt aagggtgggt tcacttctta ttanttttcc aaccactttt ggggaaagcc 660
caagggaaaa aagggtattgn actttgggga tcanggettc gaancctttt agaacctttt 720
ggtggagtcc gnanntancg tnngatcccc gaccttggat aaggatccca ttgg 774

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<210> 2625

<211> 746

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2625

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catcgattcg	gaaaatggta	tctttcagat	ttctagaagt	tcaagtgtca	tacaacaaaa	120
caggaacccc	ctttactctt	atggacctca	tttcaatata	ctgtttacag	tttgatggaa	180
ttgtataatt	taatatttct	cttgactgtg	agtttatatt	tatttacaga	tttttttgta	240
ctgtgtgatt	tgaacttttt	gttccttgct	atgatcaatg	tttatgtagt	agagcactta	300
tgatcacaaa	ttaagttttt	tggtttgatt	gcactacatt	aaatttttta	atgcagttct	360
gatttttgac	tggtactaaa	ctgtgtctta	atgtatgtga	tgagtactta	aaattttaat	420
ccatgtggtc	cccccccttt	ttttttttgc	attgtatgnn	aaaagcgctt	ggctcttcgt	480
gcatgtgtan	tatntaatgg	taccattgn	ntagttgacc	atgacatttt	tgganaaaca	540
ttncagctgn	nangttgngt	atggnnctc	actggatgct	anactttttt	aaatncnaat	600
tnntntaaat	aanannnnnt	tnngaantan	tnnntntntn	nnnnncnenn	nnancnntnn	660
nnccnttnnn	nnttntnnnn	nngaactnnt	nnennnttcc	ctgntttann	nntnnnnntnn	720
atngcnnttt	ntacncnct	tnntcc				746

<210> 2626
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2626

gnngnnnnnt	ttatanatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	ctgggagtat	aggctgagtt	aggaagattg	cttgagcccg	gaaggcagaa	120
gttgacagtga	gccaagatcg	cgccactgca	ctcccaactg	gacgacaaag	cgagatactg	180
ggagtatagg	cattcgccac	cctgggcaac	atagcaagac	cctgtgtcta	caaaaaattt	240
aaaaaaaaatt	agcctgtagc	cctagctatg	caggaggtgg	aggtgggaga	attgcttgaa	300
cccaggagtt	tgaggttaca	gcgagctgtg	atagcaccac	tgactccag	cctgggccac	360
agagcaagat	cgtacctctt	aaaaaaaaaa	agaaaaacac	aagcaacca	aaaaaaaaaa	420
nnnnnnnnnn	nnanaaaaaa	aaaaaactcg	agcctntaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atncattgat	gagtttgag	aaaccacact	agaatgcagt	540
gaaaaaaatg	ctttatttgt	gaaatttgng	atgctattgc	tttatttgta	accattntaa	600
gctgcaataa	acaagttaac	aacaccaatt	gcattcattt	tatgtttcag	gttcangggg	660
gaggttttgg	aagggttttt	aattcncggg	ccgcggggcc	aatgcattgg	gcccgggtacc	720
caattttt						728

<210> 2627
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)

<223> n = A,T,C or G

<400> 2627

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aattcggcac gagcagaagc acaggcaagg atcaatgccc ggcttcagca gtatcgtgcc      120
aaagcagaac tagctcgatc taccagaccc caggcctggg ttccaaggga aaaattgccc      180
agaccactca ccagcagtgc ttcagctatt cgtaaaactta tgcggaaagc agaactcatg      240
gggatcagta cagatatctt tccagtggac aattcagata ctagttctag tgtggatgga      300
aggagaaaaac ataagcaacc agctctcact gcagattttg tgaattatta ttttgagaga      360
aatatgcgca tgattcaaat tcaggaaaat atggctgaac aaaagaatat aaaagataaa      420
ttagagaatg aacaagaaaa gcttcattgta gaataataata agctatgtga atctttagaa      480
gaactacaaa acctgaatgg aaaacttcga agtgaaggac aaggaatatg ggctttacta      540
ggcagaatca cagggcagct ttgaagatgc tttatgtgaa aagaatgtgt gtggcttgga      600
tcctaaagaa tgtttttaaaa ggtgagaatt agtanticgcc tntgggagga tcagcctttg      660
gtcctgttaa tagaagttga atatnccggc aattttgcga gcccccaagg nggagaaaaac      720
caagttaa                                           728

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<210> 2628

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2628

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aattccctga gtatgtctag aagtgtcagg ctctcttgga atcagttaca gtgggattgg      180
ctgcttaggt ataatcttta taagattaaa aattatagat tatttggcag cttgtttgaa      240
agtgttggtc ccaagaaaaa gttctgctgt gtgttatggc agaattatta aaaaaaatac      300
attcttaagt tgaggtttct aagtaggctt ttgtaaaaac aggcaattac ttgctggagg      360
cagttaattg catgcacaga tgggtacttg tgttacaaat tcctcatttg cacttgatgat      420
taccatttg caataattca tgaaacctag ggaattctta ggtacaagga aagggttttag      480
gcatttaaaa aacgtatcac taccatcaga ggagatggag aaaacaaaga gctaagtata      540
aagccttatt ccaaatgcta agttcagaga atattttctg aagctcgcgg ttgttgaagg      600
taagaggttt acttaagcta ttggttccat ggactctntt cactttnaaa aaaaaaannn      660
nnnnnnnaaa aaaaacntng agccnttan aacttntngn ggagtcntat ttccgtnnaa      720
tccnnaacnt g                                           731

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<210> 2629

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2629

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tttccccagc aaaaccaggc agctgctaata taaatgctta gaaccaatga aagctggctg      180

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tggctectgcc	tgtgagctgc	ctactgctgc	cttctgaatg	catatatctg	ctactgtagc	240
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ttatcgaaac	acaagcaatg	gaaatgcccc	tttccattgt	tgtctccagt	tgtctgtctc	360
cgagggcagt	gttaagttgt	gcagcagagg	cccctccatg	caaagctgaa	tatgtttact	420
atttgaactt	tttcagaagt	tctgcttaag	gacaaaataa	agcctaaatc	caagaacact	480
tttaaaaatg	aggaaatagt	gaacacaata	gacggaagtc	tggaagtttc	tacccatgcc	540
aagaaaagca	ttttatgttt	ggtcacatat	gttgtgcaat	tcaaattttt	ttccctatat	600
tctctgacta	gacacttgta	ctgagtcagt	tggcgagtg	gtctgtctaa	aagcccaatt	660
tcaaaatata	acttttaaagg	catctttaca	tagtgggggt	taagaaaaaa	gttggttattc	720
agcaana						727

<210> 2630

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2630

ggnggngnngtn	nttcnaatgc	naggctactt	gttctttttg	caggatccca	tcgattcgct	60
tttttaagca	aagcagtttc	tagttaatgt	agcatcttgg	actttggggc	gtcattctta	120
agcttggtgt	gcccggtaac	catggtcctc	ttgctctgat	taacccttcc	ttcaatgggc	180
ttcttcaccc	agacaccaag	gtatgagatg	gccctgccaa	gtgtcggcct	ctcctgttaa	240
acaaaaacat	tctaaagcca	ttgttcttgc	ttcatggaca	agaggcagcc	ggagagagt	300
ccaggggtgcc	ctgggtctgag	ctggcatccc	catgtcttct	gtgtccgagg	gcagcatggg	360
ttctcgtgca	gtgctcaaga	cacagcctgc	cctagtccca	ccagctcaca	gcagcacctg	420
ctctccttgg	cagctatggc	catgacaacc	ccagagaagc	agcttcaggg	accgagtcag	480
attctgtttt	ggctacatgc	ctctgccggg	tgccgggtatt	gaggcaccca	aggagctgnt	540
actggcgtgg	aaataggtga	tgctgctacc	tctgctgggt	nactcacaag	ccacacttga	600
tacacgatga	caccttgctt	ggttgggaaa	catnttaaac	atctagttna	tgacttgcag	660
gctgntggct	accagtttcc	tgtcttgaag	gggtaatatg	gttaactttc	gggancaggt	720
tggaatgtnn	g					731

<210> 2631

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2631

ggtgttatan	nnnnnnnttt	tcaaaganac	agctcttggt	ctttttgcag	gatcccatcg	60
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cggacttatt	ctttgaatag	ttggtattaa	ggtttctttt	gtaaaataag	aggtggtagt	180
atttttcaat	gcccttaatt	aacaaaatta	aaagtttgaa	aaccatatgt	tgattctccc	240
tcatTTTTaaa	aaatttttgta	attccactgg	tccacaaaaa	tcccaattga	ggagagctct	300
gggaagagca	cattctgtca	atgggtctca	acattttggg	ctcaggacca	ctttacattc	360
ttatttagga	aatgacctaa	atgtctttca	actagtgaac	gaataaactg	gtacatctgt	420
gtaatggaat	actacttcac	aatcaaaagg	aatgtactat	tgatacacac	agctacatgg	480
gtgaagctca	aatgtattat	gctgaatgaa	agaagccaga	ctcaaaaagc	tgcttactgn	540

tatgtttctat	ttatatgaca	ttcttgaaat	gacactactt	agggatggat	aatagattag	600
tggttgccag	gagttggggt	agtggaaggg	gtttactaca	atggantggc	ataagggaaa	660
ttatttgggg	tggtgaaact	cttaattggg	ggntacataa	ttctatgcat	ttggcaaaaat	720
tcatggagct	gcacacccaa	aagagtgaat	ttnttcc			757

<210> 2632

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2632

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atgttccttc	tcacagcaaa	actccttgac	tgatcatttg	aagtcacccc	tctgtgtcct	180
cttgtgaaat	ggcttgggcg	tctctgggct	ctgacttgct	catctgggaa	gagatggggg	240
agagggagtt	ggattataaa	tcattgctca	ctcagtcac	agaatgctac	tcaggcacta	300
aaaatgatgg	cgtagcccta	cgtattctga	catgggaaga	tgccacacaa	atcttattat	360
gtggaaaaaa	ctagttgcat	aggatttatg	gtttgattac	atcttagtaa	aataaattca	420
tttatgggtg	tatatgcaaa	gaaaaataa	tgccggggcg	agtggctcac	gcctgtaatc	480
ccagcacttt	gggaggctga	ggcagggtga	tcacttgagg	ccaggaggtt	gagaccagcc	540
tggccaacat	ggtaaaaacc	catttcatt	aaaaatacaa	aaattagcac	caagccgtgg	600
tggcacgtgc	ctgtagtccc	agctactcan	gangcttaan	atgggaaaac	ttgcnttgaa	660
cctggaaagg	tggaaagttt	gcggtgaagc	ccaagaatca	cgccanttgg	acttncggcc	720
tgggcttaca	agcccanact	tttgcttnaa	aaaaaaaaaa	a		761

<210> 2633

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2633

naatngcnag	ctctngttct	tttncggatt	annaagcctt	agcaggcngg	gaagatgaaa	60
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aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggagggtg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaactcat	tcttaaacat	ctgtgaaaaa	360
gatgggtctt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tgcaaaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnncnnnnnn	720
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<210> 2634

<211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 2634

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aagctatttta	atgggtcagac	acgatggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
gaggcaggcg	gatcacttga	ggtcaggagt	tcaagaccag	cctggccaac	atggcaaaac	240
ccagtctcta	ctgaatgaaa	atacaaaaat	tagctggcct	agcagttggg	gggtggcagg	300
gcctgtagtc	ccagctactt	gggaggctga	ggcaggagaa	tcgcttgaat	ttgggaggcg	360
gagggttacag	tgaaccacac	tggcgccact	gcactccagc	ttgggtgata	gagtgcagct	420
ctatctcaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	tagaatgcag	540
tgaaaaaaat	gctttatttg	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	600
aagctgcant	aaacaagtta	acaaccanca	attgcattca	ttttatgttt	caagggtcaa	660
gggggaagg	tttgggaagg	ttttttnaat	tcgcgggncc	gcggcgccna	tgcattg	717

<210> 2635
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2635

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atgggtanttt	aaccaggggt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctttccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
gggtccacag	tctgacttng	gcttttcaag	caccacagaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	aggggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgctca	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2636
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)

<223> n = A,T,C or G

<400> 2636

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atggtanttt	aaccaggggt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggccttccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggtcccacag	tctgacttng	gcttttcaag	caccagaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccttttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgtca	nttatcaagg	ttgcactttt	aatgnggta	tttttatgn		769

<210> 2637

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2637

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taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgcct	aatctggcct	ttccttcatg	aaaaactact	gnntatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacctttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgaagt	agacctgtc	tctattttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
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<210> 2638

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2638

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ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180

tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctatttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
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<210> 2639

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2639

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atccttttct	acactgggct	tncattttct	acccaacaat	ggactggctc	ttcaaggtgc	180
tggcatttaa	attcccaaan	acttggncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttatc	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggc	actgggttct	ttcaagcctt	480
aattagccct	ttgncaactac	ctgnctacac	atgctggttt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
catttatatgn	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttgggnataa	gnncccaaaa	aaaagnaag	779

<210> 2640

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 2640

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tgatagtgtg	ggatctggca	agaggagtca	aaatacgatc	ttatttcaat	atgattgaag	180
gccaaaggaca	tggcgagta	tttgactgca	aatgctctcc	tgatgggtcag	cattttgcat	240
gcacagactc	tcatggacat	cttttaattt	ttggcttttg	gtccagtagc	aaatatgaca	300
agatagcaga	tcagatgttc	tttcatagt	attatcgcc	acttatctgt	gatgccaaca	360
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ttgatgttga	tggtaacct	catccatcaa	gatatcaaag	attagttcct	ggccgtgaaa	480
attgcaggga	ggagcaactc	atcctcaaat	gggagtactt	cctcaggact	gaatcaagtt	540

ttaagtcagc	aagcaaacca	ggagatcagc	ccactggaca	gcatgattca	aagactacaa	600
caggacaaga	cctgagacgt	tcttggtgaa	gcagggttaa	taatccaccg	ttaagtagan	660
gctccataag	tctacctcaa	aggtcattcc	caccaacgta	ggcttanacg	tatggacaaa	720
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<210> 2641

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2641

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ggcacgagga	acagacaagt	tctgtcccag	cctctgttac	ctctaacccc	atggcattct	120
atccttttct	acactgggct	tncattttct	acccaacaat	ggactgggtct	ttcaaggtgc	180
tggcatttaa	attoccaa	acttggncc	cttctgant	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttate	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttggtggcc	actgggttct	ttcaagcett	480
aattagccct	ttgncactac	ctgnctacac	atgctgggtt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggtctccca	tctggcaacc	600
cattatatgn	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttggnataan	gnncccaaaa	aaaagnaag	779

<210> 2642

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 2642

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ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaagcagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggaggttg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
accggaaggc	taggaatagg	aactaaaatg	ttaaatacatg	tcttaaacad	ctgtgaaaaa	360
gatgggtctt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
accgcgagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnan		764

<210> 2643

<211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A, T, C or G

<400> 2643

gnnttttgata	cccttttttga	ntgcctttttg	caggacnctc	gttcgaattc	ggcacgaggg	60
aacgcagctg	ctcaccagca	acggaacaaa	gctggacnga	gaatgacttt	gaagagctga	120
gagaagggct	tcagaccgat	caaattactc	tgagcttacg	gggagggcca	ttcaaaccaa	180
agggcaaaga	aagtttgaaa	actttgaaaa	aaataaatgg	tcattaatta	aacgtggaaa	240
tctggtgaac	aagtaacaaa	ctttggtgaa	atttcaggac	catagccatt	gaagtggatg	300
agggaaacct	tatcatgcac	tcaacaatgg	tctttttacc	ctgggagctt	cacacaaaga	360
agaatcgccc	tgaacacctg	ctatggaaaa	taccttagta	taaattcaga	tgaacttggt	420
gttggcgttc	agatgcaatt	ggccaagaga	acaatgggaa	ccagtctttc	aaaatgatgg	480
ccatncagta	atgagaatga	acagtcttca	actaaaggca	acaatntaga	tgaatctcgg	540
aaacatgata	ttgaccaaga	cagaaaagat	tcacttacat	aaacttcaaa	agaagataaa	600
actgatctat	gacattaata	gtcagaatat	tcattatcct	tgagggaaact	aaactgggaa	660
gccncatgat	agggcatttt	ggaagctagt	aatgnccctc	ttcttgatct	ggtacattgg	720
tgngggttatt	tcattagatt	tattgagctn	tacattttacc	accgngtcct	tggctctgga	780
tatgtttt						788

<210> 2644
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (800)
 <223> n = A, T, C or G

<400> 2644

nnnttttnnn	anatncagct	cttggttcttt	ttgcggtatcc	tatcgattcg	aattcggcac	60
gagttcacca	atgacatgat	cttatagcga	ttctataaaa	acagaattat	taaccaaatt	120
cagcaaagtt	ggtcaaattc	caaaaattaac	cccagaaat	caggtgcttt	ctattatagt	180
actngccagg	tggaaccact	tcattggaang	gaaattagcc	aggttcattt	aaatngcatt	240
caaaaaggaa	ttnaaattcc	ttaggggaatt	aaccnaggga	nggtgaaaga	cttgggtcccc	300
agaaaactnc	caaaatattg	gttggaagaa	attaaagaag	acataattaa	atggaaagac	360
atcctggtgt	tcaattatat	ccattttaaag	acacaattaa	atgggaagac	atctgtgttg	420
gaaagtttta	tattggtcac	atgtcagctc	acccaaagtg	gcatcagagg	caatgcaatc	480
ctattaacat	ccacagtgtt	tttttaggaa	atnttaaaac	ctatcacang	ccaggttcng	540
ttggtcatgc	ctgtaatccc	aatattttgc	caagcctagg	agttcaagac	cagcctgggc	600
aacatacgag	accctagctt	tacaacacac	caccaaagc	ccggtgtggt	agcacatgtc	660
tgtagtcaca	ggtcctttag	angttgaggc	aggaggatca	cttgagcccc	aagaatttga	720
ggcacagtgg	gctntntca	ggnttcttaa	ctccagctctn	ggtgacangg	ggaaaacctg	780
nggctaggtt	taaaaaaaaa					800

<210> 2645
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 2645

gnnnttttnaa	aannncnagt	ttacttttgtt	anttttttgca	ggatccttata	gatccgaatt	60
cggcacgagc	atggtaatcc	tgctcagtag	gagaaggaac	cgcaggttca	gacatttggt	120
gtatgtgctt	ggcttgagga	agccaatggg	gcgaaacctn	catctggtgg	ggaaggaaag	180
gaaggcaggg	ctggtgggtg	gggactgggg	taggggtatt	agtatcactc	ctggaagtgt	240
ccactggctt	cttagaaatc	taacccagaa	antagaaacc	taatttttta	aagggtgact	300
gggcaaaaaa	aaaaaaanna	annnatnnnn	annnnannan	nnnnnannna	nnnanacnnn	360
cnannatgna	ccntnnnnan	nnnncnnnng	annnnnnnnnc	annnnannca	tnгнаanttn	420
nnnnnnnnnt	gaaaaactnn	ngncctnaaa	aaaatngnnn	nnntntnaat	nnnnnnnnnn	480
tnnnntnnnn	nnnttgnnnn	nnnancnccn	nnnnnnnnnn	gnnnaaaaaa	aanttttttt	540
tnnaaannnn	naannnttnn	nnntaantnn	acannnttnn	nnngnnnnna	naannnnnnnc	600
ncanannatt	gnnttttttt	ttnnnnnnnn	nnnnngggggg	nnngngggga	ntnttttnna	660
nnnnngnnccc	cnngncntnn	nnntngggcc	cnnnnccnnt	ttttttnncc	cnnttgggng	720
gnnnnttnnn	ccccnnnnnn	naaannngnn	nnannnnnnnt	nnnnaaanaa	aanntnnnnn	780
nnnnnaantnn	nnnnnnngng	ggnc				804

<210> 2646
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 2646

gnnttttnaa	nnnnnnncagt	ntactngtng	tttttgcagg	atcctatcga	ttcgaattcg	60
gcacgagcga	gttttttttt	tttttttttc	ttcctctctt	tctctcttcc	ttcctccttc	120
cnttcctccg	ttcntccccc	ccnttttttt	tggnannagg	gttttttttt	ngtgncnagg	180
nctggagtca	agggnccaan	tnccngttaa	tnгаaccttg	acntcnnggg	ccnangnaat	240
cctttttaact	taancntcn	gnaaaacnggg	ncncnnggcc	catncaacaa	aaccaagtta	300
ngattttttt	tttttaaaat	ttttgagcaa	caggggggatc	tcctgggggtg	gccccaaatgg	360
gcttaaaaact	cctggcttna	aatggatcct	ccggcntaag	cctnccaaag	gctaggattn	420
taagcntaag	ccaccacacc	cagcccattc	tttataatta	ctttatgggt	caaagcagct	480
tanggttact	ggnaaattgn	gaagaaattn	ccgagttcca	catctnccaa	ctttgcattt	540
ttacatgact	ggntttctct	attctataac	ctaataagca	tgcttttctc	accttntctac	600
tgaacttttt	actaatatat	tatctaattg	aaatgagcat	acccagtnca	tttactagaa	660
ttagatgtgg	gactcagaaa	taaatctgca	ggttggtttg	gaccaactnt	gggaaaagct	720
acctcaaatt	tgtggagggc	caaagnttgc	atttgcnctn	tactggaaca	nggggagna	779

<210> 2647
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 2647

agctcttggt	ctttttgcagg	atcctatcga	ttcgcatnng	gcacgagaaa	tattntgata	60
ctgtacccgt	tgtgtgtgcc	atgtgtgtgc	ttaaaacagg	gttccttttt	gtagcatcaa	120
gaatttgga	aaaccattct	ttatatcaaa	attggcncat	ctttgggang	aatgaatgaa	180
tgaaagaacc	ctggagtttt	caatcaaccc	atgccctctt	ggaaagaagg	gagaacncat	240
ttcttttttt	caacccaaag	aaccacttta	aaaaccttgg	tgtgtgggtg	atgaagtgtg	300
gacaagcctc	ttctcccatt	ctggtttgcc	agatagctga	tctggccaat	gaagatctcc	360
acagttgtat	gtggcctgtg	gtaggggacc	ccgatcatct	ctgagaagtc	ctaagacatg	420
gacttgangt	gtcagaaatg	gctggttctg	agctacctgg	taccccaacg	cttgtctgga	480
cagtgcgtcg	acacattgaa	gatgagtttg	atgcctacat	cattgggtct	ttcgtgaatg	540
ccacccta	gttgtccatt	ggagaaactg	tagaagaagt	gactgactct	nggttcctgg	600
ggaccacccc	gacttggcct	gctncttatt	aggagatgat	gccttgggtg	aggctatnca	660
natgnattng	gnacatacna	gccgacaaga	aagtcaatga	atggnaaaac	cctggaagaa	720
aacaattgtg	aantgtgcaa	tggaaccanc	gaccagtggg	gaatggcctt	acaggangaa	780
aactggtntn	ttt					793

<210> 2648

<211> 843,

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2648

tatnnnatnc	agctcttggt	ctttttgcgg	atccctcgat	tcgaattcgg	cacgaggaaa	60
gaccgagata	gagagagaga	cagagacaga	gagcgagacc	cgtggttccg	ggncagagaa	120
aggaggaacc	ccccengang	anganganga	nganggganc	cgtgattcac	cagtcccttc	180
caccaaagtg	tttttcaacc	agccgattga	aagaaccgat	tccaggattc	caggggaatt	240
ttgccnngaa	aaggaagggt	nttgaaccgt	naccaagaag	caaagtctga	ggaaaaaaag	300
gaaagaaccg	accatttgag	gaaaaggacc	gaccaccagg	ggagaaagaa	ggaaaccag	360
acnttaagtc	ttcttcgaaa	gttattagta	gacgtcgcca	tgaaagttag	agaaaggaga	420
ttgtcacagg	agaccaaacc	cnaaaaatct	aaaagaagcn	aagaagggaa	agaagcnggc	480
agtgagcctt	gcccttgaca	ggagagcccc	gaaactncac	cttgcagaat	agcatgggtt	540
tngccttttg	tgtatattag	taccagaagt	agatactatn	aatcttggtg	tttttctgga	600
taatgtttaa	gaaattttacc	ttaaattctt	gtctgggttg	gtagtatgaa	aagttaactt	660
ttttttccaa	attaaagagt	gaatttttca	ttgttaagtt	naaaatcttt	gncttgtnt	720
atttcaaaaa	ttaaaagacc	gcaatgactt	tntnttccaa	aaaaaaaaaa	aaaaaactng	780
ggcctttaaa	cttttgtgag	tcgtnttacg	tanatccnga	cttgtagga	tccttggttg	840
agt						843

<210> 2649

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2649

tanacancag	ctcttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggggg	60
cggagggcgg	agagggcgagc	tcgcgatgag	tggtctcggc	aggtctcttcg	ggaaggggaa	120

gaaggagaaa	gggccaaccc	ctgaagaagc	aatacagaaa	ctgaaggaga	cagagaagat	180
actgatcaag	aaacaggaat	ttttggagca	gaagattcaa	caggagctac	aaacagccaa	240
gaagtatggg	accaagaata	agagagctgc	cctacaggct	ttgccggagga	agaaaagatt	300
cgaacagcag	ctggcacaaa	ctgacgggac	attatccacc	ctggagtttc	agcgtgaggc	360
cattgagaat	gccactacca	atgcagaagt	ccttcgtacc	atggagcttg	ctgccc aaag	420
catgaagaag	gcctaccagg	acatggacat	tgacaaggta	gatgaactga	tgactgacat	480
cacggaacaa	caggaggtgg	cccagcagat	ctcagatgcc	atttctcggc	ctatgggctt	540
tagagatgat	gtggatgagg	atgaactgct	ggaggagcta	gaggagctgg	agcaggagga	600
attggccccag	gagttgttaa	atgtgggcga	caaggaagaa	gaaccctcag	tcaaattgcc	660
tagtgtacct	tctactcatc	tgccggcagg	gccagcttcc	aaagtggatg	aagatgaaga	720
acactaaagc	agttggctga	atgggtatcc	tgataaatct	gggcttgtct	tncta	775

<210> 2650

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2650

gngngnnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctggt	ccttngntnt	tcatccanga	atttaanaac	240
tgggaattcc	taaaagtttt	cttaccctt	gaaatggctn	tgggcccctc	tttttaataa	300
tcttggtgga	atggaatggg	ttgcccgggt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaattnggg	aaaattttgga	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcgggttaaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccctgg	660
ggggaagttt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttggnc	720
ggacatgggt	ggggtaccca	tgaccacac	tgatggactg	cctacccatc	agaactcatg	780
ccaatggcc	ctggtttgac	tccgatcatg	ttggcctata	gtcaaagtgc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2651

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2651

cagctcttgc	ntttatgccg	atccctcgat	tccaattcgg	cacgaggaga	cgtcgtctct	60
acaaaaaata	aaattagcca	ggcatgatgg	cctgtacctg	tagtcccagc	tactcaggag	120
gttgataggg	gaggatcacc	tgagcctgcg	aggtcgaggt	tgacagcaagc	caagatcatg	180
ccactgtact	tcagcctggg	cgatagagac	cctgactcaa	aacaaagaag	accaggtaca	240
agttcagtg	tgagtgctaa	agacttaaaa	gagttataaa	gctgaaccct	taatcttaag	300
aggtttataa	gtgagaacaa	gaatctccaa	atcctgtact	gtttaatatc	agcatgagac	360

taaaccactg	tcctaagaag	acaaccttaa	tttgaatcaa	gttatttttag	agtgatgtgt	420
tttctgaggc	agctctcaga	angttattgt	ctgggtgttaa	aatagtgtaaa	ttgagtaata	480
acaagggttaa	aatcggtgga	cattaaatac	acacaagact	tcaattgctg	ggctcctccat	540
tgattaatga	aaaaatgatt	gtttttggaa	tttgagttaa	acacttctta	atggctgagt	600
anggtggctt	acgcctgtaa	tcccaccact	ttgggatcac	tttgaggccg	ggacttttga	660
gaccagcttg	gncaacatga	ggaaagcacg	tctttctaaa	aatcn		705

<210> 2652

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2652

ttnaatcatg	ctcttgtttc	naancgntgn	catcgattcg	aattcgcacg	aggtgggtctt	60
cagtctgtcg	tgacccgatg	agaactctcc	ttattgctgt	gaagggcaga	caatgcatgg	120
ctgatctact	ctgttaccaa	tggtcttact	agtgcacagt	cccccggtct	aggatcgaaa	180
tgtaaacacc	gggagctctc	caggccaccc	acccggagag	acgtcgcgct	gtggcctgaa	240
gtggcgcaag	cttgctttgt	aaatatctgt	ggtcccgatg	tagtgccag	aacgtttgtg	300
cgaggcagct	ctgcgcccgg	gttccagccc	gagcctcgcc	gggtcgcgct	ttcggagtgc	360
ttgtgacagt	ccttgcccag	tatctagtcc	cgtcgcgcc	gtgcaggaga	cgtaggtagg	420
acgtcgtgtc	agctgtgcac	tgacggccag	tctccgatgt	gtgcgtttgt	atcgccactg	480
tatttgtgta	ctttaacaat	cgtgtaaata	ataaattcat	aatgacttct	acctttaaaa	540
aaaaaaaaann	nnntnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	naaaaaaaaaa	600
cctngnnaac	nggatgccac	cctggggcna	cgaattttcc	tgccaatgtt	gctcactnng	660
gggacnncct	ggaaggactn	ttttggggnc	ccncanaatt	aaaccttgn		709

<210> 2653

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2653

tgntntnttn	aattatgctc	tcgcctttna	atngntngnn	tcnattcgaa	ttcggcacga	60
ggagaagctg	accttggacc	tgacggtgct	cctgggtgtg	ctgcaggggc	aacagcagag	120
cctacagcag	ggggcacact	ccaccggctc	cagccgcctg	cacgacctct	actggcaggc	180
catgaaaacc	ctgggagtc	agcgccccaa	gttgaggaga	aaggatgcca	aggagatccc	240
cagtgccacc	cagagcccca	tcagtaagaa	gcggaagaaa	aagggattct	tgccagagac	300
gaagaagcgc	aagaaacgca	agtcagagga	tggcacgcca	gcggaggatg	gcacacctgc	360
agccaccggc	gggagccagc	cccccagcat	gggcagggaag	aagaggaaca	ggacaaaggc	420
taaggtccca	gccagggcaa	acgggacgcc	aaccaccaag	agtccagccc	ctggcgcccc	480
caccgcggagc	cccagcaccc	ctgccaatc	cccaaaactt	gcagaagaaa	aaccagaagc	540
cgtnccaggt	gaatggtgct	cccgggtccc	ccacgggaacc	ttgcaggcca	aaagcagcat	600
cagaaggctc	ttcccaaaaa	gggggtcttt	gggcaaatca	ccacttgtcc	cgcgcttggc	660
accggaaaaa	nggcaagggc	ttgtcttttg	gtcattcang	gagttccagc	cctgcnttca	720
aaaatggggg	cccaaanaat					740

<210> 2654
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 2654

ttttncaca	gctggctact	cgttctnttt	gcaggatccc	atcgattcga	attcggcacg	60
aggacagtac	ctttcccccc	cctttcatgg	cccattttat	tgtctgcctt	tcagtactaa	120
gtatgaccgt	tcctatctca	gatcttaata	aaaagaaaaa	aaaaacgcat	tcagggttaaa	180
tttggcctta	atttaatatata	cttgtagca	agcgtgtgtg	acagagagt	gggaaagcta	240
catcattgaa	tattttgata	aactttaccg	acttgagttt	ggtttatatt	tcccttttcc	300
taaattaact	agcactgact	gtaatttatt	tccctgtttc	acgtctctcc	cttccattct	360
gcaggagttt	tagctatttg	agatcgtgga	ccatcagttt	tgcactttag	agagtgtttc	420
tgactctaaa	cctgttttat	cagaaaattt	gttttttctt	gatcttagct	ggaaaaatct	480
gccaaactta	cacagtattt	acttggtttt	gacccacaga	atatagcacg	ttgtgcaaac	540
tgtcgattca	gcgaaactta	naaaagacaa	gaaactactg	aggagcttag	taactgctgt	600
ttctgtacgt	agtgtttaat	cttccaagca	catctagtgt	ctgtcagttt	ctaattggca	660
tgtgtaggct	gctctgtgac	tgaagaattt	tcaaaccagc	tttacaccct	tcaggaaaaa	720
atcccttggtg	attggatggt	tactatcngc	cnngaaactg	gtactcaaga	tgtnngaacg	780

<210> 2655
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2655

ntttgaaacc	ctttgttact	tgtncttttt	gcaggatccc	tcgattcggt	tcagcccttt	60
gccgccaggg	ccaaaggtgg	aaagtgattt	ggaagagnaa	gagcttttcg	tccaccagaa	120
aaattgggtc	naaattaanc	ttgnaaggga	ngnaatttgg	gaanttgcg	caaggcnaaa	180
agcnttactt	ttanngnntt	aatcaantan	gnntggccct	tcngaaagt	aaattttaat	240
ggcttaaagg	ggttancagn	cccaanaaag	ggttnngggg	agcaantccc	agcncancc	300
agggccagtt	aaggcctttg	gtgaactgtg	ctattagggc	ccagcttccg	gtacctgtga	360
ggttcccaag	gcctggctta	agcagatcct	tgatcgatat	accttgagan	cagaagggtgc	420
tccnaatnac	accgtccaat	aggggatcta	ggacaatctt	ggagatccat	gccttgctgt	480
gttgctgatt	cttactgggg	actgtagatg	aaagggtggaa	agatnactta	gcacatcttn	540
aaactatggg	aagncattct	ttctgcttgt	angatttgtc	ntgttttgga	aanctttaaa	600
cgtggntnaa	ccctatgttn	ggaattatct	gctttatggg	agcaataccc	tnttttaaga	660
atgtgaattn	ancccgaaag	ttatggccgg	taacttaaat	tggttaaacc	tgggcttata	720
accccaaggc	ccgggttcaa	cn				742

<210> 2656
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2656

ttgcnancgn	tgcctactc	gttctntntg	caggcatccc	atcgattcga	attcggcacg	60
aggttagctc	gaggggcaaa	taaagagcac	aggaatgttt	ctgattacac	acctctaagt	120
ctggctgctt	ctgggtggcta	tgtgaacatc	atcaaaatat	tactaaatgc	aggagctgag	180
attaactcta	gaactggtag	caaattgggc	atctctcctc	tgatgttagc	agctatgaat	240
gggcatacag	ctgctgttaa	gctcctgtta	gacatgggct	ctgacataaa	tgctcagata	300
gaaaccaatc	ggaacactgc	ccttacttta	gcctgcttcc	aaggaagaac	tgaagtgggt	360
agtcttctgc	ttgatagaaa	agcaaagtgt	gaacacagag	ctaagactgg	tctcacacca	420
ctaattggaag	ctgcctctgg	tggatatgcg	gaggtgggccc	gagttctttt	ggataaaggt	480
gctgatgtta	atgcccctcc	agttccctcc	tcaagagata	cagctttaac	catagcagca	540
gataaagggc	attacaaatt	ctgtgagctt	cttattggca	ggggagctca	tattgatgta	600
cgtaacaaga	aggggaacac	tccattgtgg	ctagcagcaa	atggtggaca	cctcgatgtg	660
gttcagttac	tggtgcaaag	caggtgcaga	tgtggatgca	gcagataacc	gcaagataac	720
tcctcttatg	gcagcattta	gaaaggggtca	tgttgaangt	gggtgcgcct	actttagtca	780
aagaan						786

<210> 2657
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2657

ttnaaantat	cgaaactctt	tggacttttc	gnacgctttg	caggatccca	tcgattcggg	60
ccacttnccg	cgtngccatg	gnggcgnaac	actactantt	cccgtcgcag	ctnctgccgt	120
nagagcntgt	ggacaantgt	ataggatcaa	gaattcacat	ccngatgaac	agtgatnang	180
aaatngntgg	tactctccta	cgatntgatg	actttgnnnn	tatggtnctg	gaagangtnn	240
ctgagnttga	aatcacaccn	catgaanaan	gatgctaaat	tanancacat	ntngctnaat	300
ggaaataata	taacaatgct	ggttcctgga	ggananngac	ctganntgtg	aatgagttnc	360
cttgacttac	actagatttt	gttttggtct	atnatgacaa	naaaatggga	ttttttttcc	420
cactttctaa	tgnttaaate	ccatanagct	aagttncctg	nttaagggaa	gtgctntgaa	480
gatgtgtacc	catcnttgn	agttaancat	gattatcctg	gaaaaagaan	aaaatanctt	540
cttctttgca	gatgaaaata	aaggtgtttt	tggttaactg	tcnaanaann	nnnantgccc	600
tnaaaaagag	ttgnnggggg	gcntgactct	tataaaatgg	atttaatnaa	actgtncnan	660
angcctcccc	cccttaaaan	ntttggggcg	tgtnnttccc	ttangncccc	caaaannntn	720
nnannccctt	tntgggattt	tnggcccaaa	ccccccctt	tgaaagggnn	gggaaaaaaa	780
cttntttttt	tttgggaaaa	tttgtgn				807

<210> 2658
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2658

tntacataca	ggctacttgt	tcttttttgc	ggatcccatc	gattcgtggc	tggtattata	60
ggtgcacacc	accacaccca	actagttttt	tgtgttttta	gtagagatgg	ggtttcatga	120
tgttggccaa	gctgggtctg	agctcctgac	cccaggtgat	ccacccacct	cggcctccca	180
gggtgctgga	attataggcg	tgagccactg	cgcacggcct	ggggagggtt	tatttcttga	240
caaagggtatt	tgatactcgt	gcagaccctg	gaggggtctca	ctggagagac	aacatttagg	300
ctgagatctg	attaacagga	ggcagctgca	gtgcagagggt	caaaagggag	ggtgttccag	360
gcagagaaaa	cagcctgtgc	aaaggccctg	aggcagaaac	aaactctact	tgaggtcagc	420
ctggtttagaa	aacccaactc	aaaatagaaa	gtattacatg	ataaggctctg	agatcagaac	480
ccaagtctgc	acttcctagt	cacgttctcc	ctgtagtgtc	aagcccagag	acctgagctg	540
ttaacctaga	acagtgtgct	tcctaagcct	taatgtgcat	acccatcgcc	tggagctcgc	600
cttaagatgt	aggctctgcc	tgaagcccaa	gttcatttag	tatgtcatgg	ttaattcaga	660
gtaaaatcaa	gagttagtac	ttgatttatg	cttggtatat	aaagaaagag	acaacttcac	720
tgnatgatca	ttttgtcact	tttcaaaagc	atttaattcc	attcaattgg	aaatgtg	777

<210> 2659

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2659

naaaccnnca	gctacttggt	cttttttgcag	gatcccatcg	attcgccgaa	gaaatataac	60
acatttttga	cctacaactc	ttagatcaac	tcttgccctat	gggatgctca	ggctctgtga	120
tcctctacct	tatgatataa	tagtcgateg	aatgtgtgga	actggggcaa	taccaataga	180
ggggggccact	gaatgggtctg	actgcttcca	tattgctgggt	gataataatc	cactgggtgt	240
gaatagagca	gcaaataaca	ttgcatcttt	attgaccaag	agccaaatta	agaaggcaa	300
accctcctgg	ggcttgccca	tagatgctgt	tcagtgggat	atctgcaatc	tgccattgag	360
aactggctct	gtggatatta	ttgtaacaga	tttgccattt	ggaaaaagga	tgggatccaa	420
gaaaagaaac	tggaaccttt	atccagcttg	cctacgggag	atgagccgtg	tctgcacacc	480
taccacaggc	cgagctgtac	tacttactca	agacacaaaa	tgctttacca	aggcggtatc	540
tggaatgcga	cacgtatggc	gaaagggtgga	tacagtctgg	gtgaacgttg	gtgggtcttcg	600
tgctgcagtt	tacgttctga	tacgtacacc	tcaagctttt	gttcatectt	cagaacaaga	660
cggagaaaga	ggaactcttt	ggcaatgcaa	agaatgaaga	tgactaatag	tacttgnact	720
tnccaccact	ggaaatgtta	gcataaaaga	acttgagagag	gaaaaaagtn	ttac	774

<210> 2660

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2660

taaacctnca	gctacttggt	cttttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
agtgaactgcc	ttcggtcttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gccccaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgtct	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300

ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anagggttta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnaa	aaaaaaaaacg	cccttttaaa	nacnttttgg	gggggntcnt	tttttcccgn	780
aannncccca	nacctttgan	taangaatnc	cnttc			815

<210> 2661

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2661

taaacctnca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
agtgactgcc	ttcggtcttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gcccaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgctc	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300
ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anagggttta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnaa	aaaaaaaaacg	cccttttaaa	nacnttttgg	gggggntcnt	tttttcccgn	780
aannncccca	nacctttgan	taangaatnc	cnttc			815

<210> 2662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 2662

gtngggntnn	nnnttttgna	aacctnnngc	tattgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggggtga	ctggaatcgc	ttgaaccggg	gaggcggagg	ttgtagttag	120
ctgagatcgt	gccactgcac	cccagcttgg	gcaacagagc	aaaactctgt	ctttaaaaaa	180
aaaaaacaaa	aaaaccaaac	aaacaaacaa	aaaaaacctt	atatgggctg	ggctgggcgt	240
ggtgccttat	gccacaatc	ccagcatttt	gggaggccag	gatgggagga	tcacttgagc	300
ccagaagttt	gagaccagcc	tgggctacag	agtaaggccc	catntctaca	aaaaaacctt	360
aaaaatttagc	caggtgtggt	ggcacgcact	gtgggtcccag	ctgtaccaga	ggctgaanca	420
ggaggatccc	ttgagccan	naggtcaagg	ctgcagttag	ccatatctac	accactgcac	480
tccagcctgg	gcaacagcct	gtctcaaaaa	ctaaactaaa	aaccttatat	gtntttgtta	540

gaatnaaatt	agatatatacaa	aaagaggggc	cgggcagggt	ggctcacgcc	tgtaatccca	600
gcactttggg	angctgangc	aggtgaatta	cttgaggtca	tngagttccg	agaccagcct	660
gaccaacatg	gngaaaaccc	tgtctatact	aaaatntaca	aaaatcagtc	tancgttggn	720
nggtggggcg	cttgtaatte	ccancatttc	tggcaggctn	angcaangat	aattgntten	780
atcccgggaa	ggcaataggt	ttccc				805

<210> 2663

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2663

tcaacagctg	gctactcgtn	ctntntgcag	gcatcccatc	gattcgaatt	cggcacgaga	60
gttttccctgt	gattagtgtt	tttgggtgtt	ttttattttt	tttcttacag	gaactcttgc	120
aagaagaaaag	gactatgagt	tcaacttttag	agggagccat	ggggactaaa	caaaattctg	180
aggccccctc	aaccatctaa	atggacttcc	ttctgggcca	ggacactcga	aaatttaaacc	240
tgaaagactg	gttcaggcca	tgatgggaag	tgggagtcga	acatgoccca	tcataccctc	300
cagcattaac	atcaacacag	accttaaggc	tgataagaag	catttacaat	ctattctctc	360
tgaagtcttc	tacctggagg	cttcatctgc	atgataaaaac	tttgggtctc	acaacctctt	420
acaaccagg	cattcctttc	tatcgataat	tactctttca	accaattgcc	aatcagaaaa	480
ttgttatatc	tacctataat	ctagaagccc	ccacatcaag	ttgttttgcc	tttctggaca	540
ggaccaatgt	atatcttaaa	tgatatntgat	tgatctctca	tgtctcccta	aaatgtataa	600
aaccacgctg	ttccccgacc	acctggagca	catgttctca	gggtctcctg	anggctgtgc	660
acaggccatg	ttcacttaca	tttgggtcag	aataaatctc	ttcanataa	aaaaaaancc	720
ccnccncccc	cccccnacc	cacaaaaaac	ctcngccctt	taaaactttt	gngggngcg	778

<210> 2664

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 2664

gnattccgta	aacgtacngt	gttctttttt	caggatccca	tcgattcggt	tttaatagtc	60
attccaaata	tgagatgcat	tgttacagga	agtccttgc	catcctaaaa	gccacccac	120
ttctctctaa	ggagaatggc	ccagtcctct	cccaagtcca	cacaggggag	gtgatagcat	180
tacataattt	acacgaaagc	aatgctatca	cctnncnagn	gtggacttgg	gagngggnng	240
cttngnttnc	nnttgagtga	tgannentcn	nnnnncncnt	ncntcttnt	tngnncenna	300
ncttgcattn	ntnnnnngctt	cnnentnct	nnngaccgnn	ngnnnnncnc	ccnnncttcc	360
nnnncnnnt	tnntnncnn	cnnntnnnac	nnnnncncn	cttannnnnc	ccnncnnnn	420
ncnnnnnnnc	ccnnnnnnnc	ccnnnnnnnc	tnccnnnnnn	ccntctnnnc	nannnnnnnt	480
nnntnncnn	nnnctnnnn	nnnnnnntcn	nnnnnnnnnn	nnccnnnnnn	nnnncnnnn	540
ncnnnnnnnn	cnnnnnnncn	ncnnnnntc	nnnnnnnnnn	cnnnnnnncn	nnnnnnnnnn	600
nnnnntcnn	ncnnnnnnnn	nnnnnnnnnn	nannnnncnt	nnnnnnnnnn	ccnncnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nctcnnnnnn	720
nannnnnnnn	nnnnnnnnnc	nnnnnnntn	nnntnncnn	nnnnnnnnnn	nnnnnnnnnn	780
tnnnntcnn	nnnnnnnnnn	nnnnnnntc	nnntntntcc	ncttctntt	ncnnnnnnnn	840

tctnttctntn nnnctntctn cnnncccnnc	tatecnatnn tnctntctnn cctnccnccc	900
ncnnntntnn ctcnncate ntcnncnate	tnnctcenn annttncnt nttnccccc	960
g		961

<210> 2665

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2665

aattttcaag ctcttgtttt ttatgcagga tcccatcgat tcgctgggtct ccaacctggt	60
ctcctggggt caagcgatcc gcccgcctcg gcctcccaca gtgctgggat tccaggcgtg	120
agctaccgcy cccggcctat ttacttttct tactaagctg gggatcaccg tcgcccctcg	180
cttggcagga aggcgggggt gcaagaagaa aagaggtaca gaacaccag aggtgccctc	240
gattccgtct tgcacttgcc cttctcccac cgtccagcaa taaagcgaga gaaacaagtg	300
caggaaaactg gccggcagtc atgggagaag ccaaaaagac aggagttagc tggcatgacc	360
agggtcact gcaaccttga tctgggctca agtgatcctc ctacctcaac ttcctgagta	420
gctaggacca cagggtgtgca ccaaccacac ccgactaatt tttgtagaga tgagatccca	480
ctatgttacc caggctggtc ttgaactcct gggctcaagt gatcatcctg ccttggtctt	540
ccaaagtact gggattatan gcttgagcca cccgtgcctg gcctgtgatc aaaattctca	600
tttttttagt cactaaaaat gctggggggc actccattct ncattatgtg attagttcac	660
attgcatgct tgtatcaaaa cattatatnt tccccncaa atttntncca aaaactttta	720
aattttaagt atttaattgg ttcaggaaaa aaataaaatg ctgggggggc tgaaatctca	780
angggcccat	790

<210> 2666

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2666

tttaaancctt tcatttanag ccttttgcag gatcccatcg attcgaattc ggcacgaggt	60
ttgtgcatca cttggtcacc attgggctta tctccttctn ctacatcaac aatatgggtc	120
gagtgggaac tctgatcatg tgtctacatg atgtctcaga tttcttgctg gaggcagcca	180
aactggccaa ttatgccaa tatcagcggc tctgtgacac cctttttgtg atcttcagt	240
ctgtttttat ggttacacga ctaggaatct atccattctg gattctgaac acnacctct	300
ttgagagttg ggagataatc gggccttatg cttcatgggtg gctcctcaat ggctgtgc	360
tgacctaca gcttctgcat gtcattctggt cctacctaat tgcacggatt gctttgaaag	420
ccttgatcag gggaaaggta tcgaaggatg atcgcagtga tgtggagagc agctcaaagg	480
aagaagatgt gaccacctgc acaaaaagtc cctgtgacag tagctccagc aatgggtgcca	540
atcgggtgaa tggtcacatg ggaggcanct actgggctga anantaaggt ggttgctata	600
gggacttcag cacacatgga cttgtanggc cctggcaaca tactcctctt ggcccttcca	660
tatctactct tntgtgaatg ggagactgca angcactgan ggagtatcaa aagaagcaaa	720
ttttttcact tttgaaagaa aactgncatt ttgtntttta tagcctccaa gttcntttt	779

<210> 2667

<211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2667

tatnntatca	agctcttgtt	cttttgcagg	atccctcgat	tcgagaaaat	gtgggatcaa	60
gaaaaggacc	atttgaaaaa	gttcaatgag	ttgatggtta	tggttcagggt	ccggccaaca	120
gttctgatgc	ccttgtggaa	cgtgctgggg	tttgcactgg	gggcggggac	cgcttctgctc	180
gggaaggaag	gtgccatggc	ctgcaccgtg	gcggtggaag	agagcatagc	acatcactac	240
aacaaccaga	tcaggacgct	gatggaggag	gacctgaaa	aatacgagga	acttcttcag	300
ctgataaaga	aatttcggga	tgaagagctt	gagcaccatg	acatangcct	cgaccatgat	360
gcagaattgg	ctccagccta	tgccgtcctg	aagagcatta	tccaggccgg	atgcagagtg	420
gcgatatatt	tatcagaaag	attataaaagt	gtgtccagtt	ttgcctgtct	ataaaaagatg	480
atagtaattt	accaagtgc	atttgcagag	aaacaggtgt	acagttatcg	ttgtactttt	540
gtacaatgtg	aattttgtta	ataaattatn	agggttggtt	tttttttnaa	aanangaana	600
nnnnnnanga	aaactcgagc	ctctaaaact	atagtgaagc	gtntacgtaa	tcngacatga	660
taaaaacatt	gntgatttgg	caaccacact	ngaatgcatt	aaaaatgctt	atttngaatt	720
gngatntntg	ttattgacca	tatactgata				750

<210> 2668
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 2668

gnnnnnnnnn	ntttaatant	tatcanctct	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agaagcagct	tggggctcac	tccccctcca	ccttgetgac	caccctcatg	120
ttctttaata	ccaagtactt	cctattgaag	acagtggacc	agcacatgaa	gctggccttc	180
tccaaggtct	tgcgacagac	aaagaagaac	ccctctaate	ccaaggataa	aagcacgagt	240
atccggtact	tgaaggccct	tgggaatacac	cagactggcc	agaaagttac	agatgacatg	300
tatgcagaac	agacggaaaa	tccagagaat	ccattgagat	gtcccatcaa	gctctatgat	360
ttctacctct	tcaaatgccc	ccanagtgtg	aaaggccgga	atgacacctt	ttacctgaca	420
cctgagccag	tggtggcccc	caacagccca	atctggtact	cagtccagcc	tatcagcaga	480
gagcagatgg	gacaaatgct	gacgcggatc	ctggtgataa	gagaaattca	ggangccatc	540
gcagtggcca	atgcaagcac	tatgcaactga	gatgccttgg	ccatggcaca	aagagaaaacc	600
agccaggaaa	aaccagacag	actttcacac	taaagaagaa	gcctccattt	tttttttttt	660
ctttttttta	ttggggggag	tttacnaaac	ctttcaaggt	tgctttttgt	ttnaaaatat	720
taaaaagaaa	acnttttaaa	aaaaaaaaaa	aaaaaaactt	ggagcccttt	taaaactatt	780
agtggggctg	tnttacnta	aaatnccana	cttgataaan			820

<210> 2669
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)... (789)
 <223> n = A,T,C or G

<400> 2669

tatntataca	gctacttggt	ctttttgcag	gatcccatcg	attcgtggag	gtctcctttc	60
gccccagccc	aggtggccaa	gcccatoctg	gcctcagaac	atgctgagca	cattttgtag	120
ggtggcacct	ttttatccaa	gttactagct	acacatcant	gtttaaagag	aaaaaagtga	180
cctttcattt	ttttttcttg	aaacttgagg	aaacaagata	catactactg	attttttttt	240
tcttaaaact	aaatgcatga	ctgcagangg	tagagggtga	tattttttcat	actgtggggc	300
aaagtatttg	tgctgctttt	tggagatgga	ctggaaacgtc	tggtttctgt	ccccngggcc	360
ggcagctacg	tctattttct	gtanaagggtg	ccacagtggag	acctggagcc	accccttnct	420
gccttggcgc	cgtttanagc	tgggancccg	tggactcccg	gcctgtttct	accttctatt	480
caaccactct	gacgtgggga	gacaaaaaca	aataaaaactt	tttgatagtg	tggtaaaaaac	540
attgatattga	actatttttag	taaaaggagt	gacaaacaag	aatgtgatag	tgtctacttt	600
gagctaaata	ataaangcct	ctttgtgaac	ctnctgggnt	ttanngcang	gcnnnaaagt	660
tttttnaaaa	atgnngnann	aaactnganc	cttnaaaaac	tntangggag	cgtnttcctt	720
tantncccg	catganaaaa	aacctttgat	gnnggttngg	ncaaaccccc	aacttanaan	780
gccgtggna						789

<210> 2670
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (780)
 <223> n = A,T,C or G

<400> 2670

tatnctatca	gctcttggtc	tttttgcagg	atcccatcga	ttcgagaaag	atcactgctg	60
tttacagcgc	cttggtgcagc	cttagatttt	aatattcttt	tgtcattggt	acatctcata	120
gagtaaagct	cttattacct	tgatcctgag	tcagaaatcc	cacctgaaat	cacctttttt	180
cccccttgat	caaacatccc	atccttcagc	taccatactg	ttgctacagg	gattttgtgg	240
actgtggccc	ctgtcccag	gttggnccct	tcagttcagc	acagcctgag	cagtgagaag	300
gtctgaaagg	agagtatata	gntaagatcc	ttgagaaagg	gctgcctgag	gaactgacct	360
cttaaagatc	tcaggatctt	taagacaaca	agttagggtc	ctactggagt	tacctgccag	420
aatggcctct	taattaactc	angtaatgaa	gagctaactg	tggtataatc	atcttgcttt	480
tgctgaatt	tggagaaagt	attataatta	aagttcccg	tatcagaaat	gtccttacat	540
aagattaaaa	tatcttggtg	actaatacca	ttctatgaga	aagagtagtt	atttgcccag	600
actgtattaa	tttacttttag	aaactaatgt	ttgaagtaat	ggaaaaaatt	ttaaattatn	660
aagctaaggg	caataacatt	tgctacttat	ttatagaatt	atttgaaaaa	atttgntttg	720
aagtaatgct	ttaaggagtn	taagatatcc	aagataaatt	atactatnaa	atgatttatt	780

<210> 2671
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (749)
 <223> n = A,T,C or G

<400> 2671

tcaaatntnn	nntaancctt	tttaagatca	gcacttggtc	ttttgcggat	cnntccatgg	60
gtagaangga	tgctcgtacc	nnnaaganca	ntaccgagac	gtgcagctgt	ccaaggctct	120
gtcctatgcc	ctgcgccatg	gggccttgaa	gctggggctt	cccatgggag	ctgatggctt	180
cgtgcccctg	ggcacccctc	tgcagttgcc	ccagttccgc	ggcttctctg	ctgaagatgt	240
gcagcgcgtg	gtggacacca	ataggaagca	gcggttcgcc	ctgcagctgg	gggatcccag	300
cactggcctt	ctcatccggg	ccaaccaggg	ccattccctg	cangtaccta	agttggagct	360
gatgcccctg	gagacaccgc	aggccctgcc	ccgatgctag	tccatgggtac	attctggaag	420
cactggccat	ccatcctact	caaaggcctg	tcctgccagg	gaaggacgca	cattcacctg	480
gccccaggac	tgccctggagc	cccggtatca	tcagtggcat	gcggncccat	tgtgaaatag	540
ctgtgtcatc	gatggaccct	ggctctggca	gatggaatac	ccttcttccg	ttctgccaat	600
ggggtgattc	tgactccang	gaatactgat	ggcttccctc	ttccaagtcc	ttatangangn	660
cctgancttc	nccttaccga	aagccctttc	cttggctggn	gatgaaaaaa	caantgtcan	720
aatancccca	agcacagttc	canaaaaag				749

<210> 2672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 2672

ttnnntanta	aaccctttnn	ntactcgttt	ttangcncgt	tcccatcgac	tccaattntn	60
cacgaggacc	agggtcact	gcaaccttga	tctgggctca	agtgatcctc	ctacntnagc	120
ttcctgagta	gctaggacca	caggtgtgca	ccaaccacac	ccgactaatt	tttggttagag	180
atgagatccc	actatgttac	ccaggctggt	cttgaactcc	tgggctcagg	tgatcatcct	240
gccttggtct	ccaaagtact	gggattatag	gcttgagcca	ccgtgcctgg	cctgtgatca	300
gaattctcat	tttttttagtc	actaaaaatg	ctgggggggc	actccattct	ccattatgtg	360
attaagttca	cattgcatgc	ttgtatcaaa	acatcatata	tacccacaaa	atatatacaa	420
aaaactttta	aatttttaagt	attaattgct	cangaaaaaa	ttaaaatgct	ggggtgctga	480
aatctcaagg	gccccattac	aaaactcctt	angaacctcg	ccctcttntg	ctgtaaggac	540
tggttccaga	atgagagaat	taaaagacat	tcccgcacaa	atgtcataat	gtcaccctgg	600
aaacctgcga	atatgttata	ttacatgacc	anggagaant	aagggtgcan	atggcagtaa	660
gggtgcta	gggctgacct	taananaagg	agatgatcct	ggattatctg	ggnggaccca	720
atgtaatcac	aagggtcctt	actggggaaa	atgaggnggc	tgatcaaaaag	caantgatca	780
tg						782

<210> 2673

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2673

tatacanctn	ttgttctttt	tgcaggatcc	ctcgattcgc	gacaatcagt	gattttgctg	60
tattttctcac	aatagtaata	atgggtacaa	ttgactacct	tgtnnggagtt	ccatctccta	120
aatttcatgt	tcctgaaaaa	tttgagccta	ctcatccaga	gagaggggtgg	atcataagcc	180
cactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aaggaaacaca	300

aattgaagaa	aggagctggc	tatcaccttg	at ttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatgggttg	tggtgcaac	agtgttgcaa	taagtcattgt	420
caacagctta	aaagttgaat	ctgaatgttc	tgtccaagg	gaacaacca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggcta	gattttttatt	ctaattgggcc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	ccttttatatg	600
ggagtttcct	cattnaaagg	aatccagtta	tttgacccgt	atnaaatatt	tggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	cgcctctgga	aggccatatt	720
ttacagtc	tcagcttact	tgtttggtcc	ttttatnggt	gataaaaang		769

<210> 2674

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2674

aattttcaag	ctcttggttt	ttatgcagga	tcccatcgat	tgcctgggtct	ccaacctggt	60
ctcctgggct	caagcgatcc	gcccgcctcg	gcctcccaca	gtgctgggat	tccaggcgtg	120
agctaccg	cccggcctat	ttacttttct	tactaagctg	gggatcaccg	tgcacctcgg	180
cttgccagga	aggcgggggt	gcaagaagaa	aagagggtaca	gaacaccag	agggtgccctc	240
gattccgtct	tgcacttgcc	cttctccac	cgtccagcaa	taaagcgaga	gaaacaagt	300
caggaaactg	gccggcagtc	atggggagaag	ccaaaaagac	aggagttag	tgccatgacc	360
agggtcact	gcaaccttga	tctgggtca	agtgatcctc	ctacctcaac	ttcctgagta	420
gctaggacca	cagggtgtgca	ccaaccacac	cgcactaatt	ttttagaga	tgagatccca	480
ctatgttacc	caggctggtc	ttgaactcct	gggctcaagt	gatcatcctg	ccttggtttt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tccccncaa	atntntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctggggggggc	tgaaatctca	780
angggcccat						790

<210> 2675

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2675

tatactatca	gctacttggt	ctttttgcag	gatcccatcg	atcgctgggt	ctccaacctg	60
gtctcctggg	ctcaagcgat	cgcgccgct	cggcctccca	cagtgtggg	attccaggcg	120
tgagctaccg	cgcccgccct	atttactttt	cttactaagc	tggggatcac	cgtcgccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agagggtgcc	240
tgcattccgt	nttgcaactg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggnccggcag	tcatgggaga	acaaaaaaga	caggagtcca	gtggcatnac	360
canggctcac	tgcaaccttg	atctgggctc	aantgatcct	cctacctcag	cttcctgagt	420
agctangacc	acagggtgtg	accaaccaca	cccactaat	tttttagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	atttataggct	tgagccaccg	tgctggcct	gtgatcacia	ttctcatttt	600

tttantcact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggg	gctgnaaact	tnaagggccc	780
catt						784

<210> 2676

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2676

tatactatca	gctacttggt	ctttttgcag	gatcccatcg	attcgctggt	ctccaacctg	60
gtctcctggg	ctcaagcgat	ccgcccgcct	cggcctccca	cagtgcctggg	attccaggcg	120
tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgtcgcccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agaggtgccc	240
tcgattccgt	nttgcaattg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggnccggcag	tcattgggaga	acaaaaaaga	caggagttca	gtggcatnac	360
canggtcac	tgcaaccttg	atctgggctc	aantgatcct	cctacctcag	cttcctgagt	420
agctangacc	acaggtgtgc	accaaccaca	cccgactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	attataggct	tgagccaccg	tgcctggcct	gtgatcacia	ttctcatttt	600
tttantcact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggg	gctgnaaact	tnaagggccc	780
catt						784

<210> 2677

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 2677

atcagctctt	gtctttttgc	aggatccctc	gattcggaatt	cggcacgagg	ctgcccaaca	60
cgctgttttg	ggatgtggcc	atggtggtgg	aattcttgag	ctgttattct	gggctacttt	120
taccagatgc	tcagtatcct	attactgctg	tgcccttat	ggaagccttg	agtgcagata	180
agggtggctt	tttatacctt	aacagggtgt	tggctatcct	cttacagacc	ctcctacaag	240
atgagatagc	agaagactan	ggtgaattgg	gaatgaagct	gtcagaaatc	cccttgactc	300
tgcattctgt	ttcagagctg	gtgcggctct	gcttgccgag	atctgatgtt	caagaggaaa	360
gcgagggctc	aaacacagat	gacaataaag	attcactgca	tttgaggata	atgaggtaca	420
agatgagttc	ctagaaaagc	tggagacctc	tgaatttttt	gagctgacgn	cagaggagaa	480
gctacagatc	ttgacagcac	tgtgccaccg	gatcctcatg	acatactcag	tgcaagacca	540
catggagacc	cacagcaaat	gtctgcacag	ttgtggaang	aaccgcttgc	tgtgtttgaa	600
aggaagaaaa	tgattaagaa	gaagagcngg	antaaaccgn	aaaccgggaa	agaaaatggg	660
aagnccaaaa	aaaaaaaaaa	aaaaaaaaact	cgaacctctt	taaaaaactat	nagtngaggt	720
ccgtattacc	gtttgaatnc	nggacnttga	atnagaaacc	attggatgga	gttttggnc	780
aaaaccccaa	ncttagaaat	ggcngnggaa	aaaaaatg			818

<210> 2678
 <211> 875
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (875)
 <223> n = A,T,C or G

<400> 2678

ttnannnnnta	tacaactact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggcacgag	gcactaagca	ggctagtgtc	ctcagcttcc	cggcctcccc	ttccaggccg	120
ctgccgcctg	accctgtgtc	caagagactc	caggctgagc	tggttgaccg	acccaatccc	180
cctaccgcgc	ctctgcccgc	tgacccggtg	gtgagaagcc	cgaagtctca	ggggccagcc	240
aagccccac	ccccaaaggaa	gccactgcct	gccgaccccc	agggccgggtg	cccatcgggt	300
gacctgccgg	cccagggggt	ggaatcccgc	ccctagtgtg	accctccaga	ccaagcgcca	360
ccgncttcga	cagtgtcctc	gctctacctc	tgacctctcc	ggagggttccg	ctgctccaag	420
ccggacttaa	ggcttcaaga	ggcgggcggtg	ccctctggag	tccccacca	tgactgaagg	480
cgccagagac	tggcggtgtc	ttaanacttc	gggcaccgcc	acgcgctgtc	aagcaacaac	540
tctgcggacc	ttcccggcgt	aatttgcaac	cgggggcttg	ggggaagggg	cttgggggtt	600
tggaaccggg	attgaaggaa	aggtncgcga	caaacctggt	ctttttgntt	caaatttgcn	660
aataaaaaacg	ttgnacaatt	ntttggggga	agccggtttt	nnnnnnnnan	aannnnnnnn	720
nnnnnnnnnn	nnnnnnnnna	anncccttcg	aagccctttt	taaaaaactt	tttaggggag	780
gtcgnantta	acgttnnaat	nccnaaaacn	ttgattaaag	aataccattt	ggttgaaatt	840
ttggggacna	aanccccaaa	anttagaaat	ggcgg			875

<210> 2679
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 2679

nnnnnnnccc	nnnnngnnng	nnnaggnggg	gtnnnnnttt	ntactaangn	tgtgnganct	60
cgtnctctcc	gcaacagccc	ggcggggtcga	attcggcacg	agtccaagag	gagaagcatg	120
ttccaaaacc	cttaactttg	ggaatttaga	actagctttt	ttactatctt	ctgcacagca	180
taacttcagt	ctccctttac	taattcaagg	aaatctcagt	gaacaaattg	tataagggtta	240
gatgagctaa	aagctcactg	agtcattaat	ttgtcataac	tcattctaaat	acaatgatta	300
ggcttgtgta	ggtgtcccta	gtttctcttt	ctaaatcatg	tcttagtagg	gacagagcaa	360
taatggtgga	tcgtggcaac	gggaaggaag	atgatgtgtc	agttatctat	tgctgtatga	420
cagtcacaaa	accttagtac	ttactacaga	aacaatgatt	tgtcacattt	tgtgggttgt	480
ctggatgggt	gttttgctta	tatggtgcag	gctgagatta	ctcatgcagc	ttcacagttc	540
ttttgcttat	atggtgcang	ctgagattac	acatgcagag	gaaagatggg	ctctgntcct	600
cattcgatatg	cctggggcct	tggtgcgggt	tgtggcaatg	gcgtcttggn	tctccatgtg	660
ccgnctctcc	agcaggataa	cctgtntttt	tctcacacca	tgacactggg	gttccaggan	720
natcaancca	nnancngcta	naccattan	naactaggcc	ccaaaanttg	ct	772

<210> 2680
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 2680

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aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	gaaaaactct	120
tctggacatt	ggcctaggca	aagaattttat	gatgaagacc	tcaaaagcaa	acataacaaa	180
accaaaaaata	gacaaatgag	atttaatttag	aaaaacttct	gcacagtaaa	agtaataatc	240
aacagttaat	agacaaccta	tggaatggga	gaaaatatat	gtaaattata	catctgacaa	300
agaactaata	tccagaatct	acaaagaact	cacaagaaaa	aaaccaaccc	cacaagcggg	360
caaaggacat	gaacagacat	ttcccaaaaag	aagacatata	agcaacctaa	aataatctaa	420
aataattttt	aaaaagaaaa	aatgcttgac	agagttttga	tagtacttag	taaaaagtta	480
tatctagtgg	ctttttgntt	gnttggtttt	gntttgggtt	taagaggtag	tctctgtttc	540
ccagctggag	tgcagtggcg	caatctttgg	ctcgctgctg	cctcgaactc	ctgggctcaa	600
gcgatccttc	agcctcagcc	tnccaagtag	ctgntatagg	catgcccccc	ccttccgact	660
natnatctgc	tatcaatata	taatgggtnc	ctttggctta	tttangaaat	aacactttta	720
tgcttttgaa	aaaaaaaaaa	aaaaaaactc	gagcctntan	actntgtg		768

<210> 2681
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 2681

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gcagagccca	agtttcaagc	tttccctgtc	cagtgggaacg	aagactaacc	tcaccagcca	120
gtcatctaca	acaaatctgc	ctgggttctcc	gggatcacct	ggatccccag	gatctccagg	180
ctctcctgga	tccgtaccta	aaaatacatc	tcagacggca	gctattacta	caaagggagg	240
cctcgtgggt	ctggtagatt	atcctgatga	tgatgaagat	gatgatgagg	atgaagataa	300
ggaagatacg	ttccattgtc	aaagaaagca	aaatttgatt	cataataatg	gcaacggcct	360
angatcagta	cctggttgaa	aaaactgggt	ctccacccct	cccccatata	aaatccacaa	420
aaaagcgcag	tggtctcttg	tgaatgactg	acacagatca	gcctcttaca	cttgacttct	480
gctcatcaag	tgccaattca	atggagcagg	aggaggggat	atcatatatt	taggggaaag	540
acttaagcct	ttgagctctc	cagcttggac	cacacattgc	ccttttntna	gggaaggaaa	600
tggaaacaaa	aagccaacag	ggcagggggt	ttgtaaagtg	gaactcttgg	attgactggt	660
cagttgctac	aatcaaaaata	tgctttcttg	gaccatgttt	gagactcaaa	anaatgggccc	720
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nctttnaaat						790

<210> 2682
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2682

cagcncttgc	tcttttgtgca	ggatccctcg	attcgcccaa	atggacactt	tgcttgcagg	60
tgatgctgcc	gaatgaatac	ccaggtagac	ctccacctat	ctaccagttg	aatgctcctt	120
ggcttaaagg	gcaagaacgt	gcggatttat	caaatagcct	tgaggaaata	tatattcaga	180
atatcggtga	aagtattctt	tacctgtggg	tggagaaaat	aagagatgtt	cttatacaaa	240
aatctcagat	gacagaacca	ggcccagatg	taaagaagaa	aactgaagag	gaagatgttg	300
aatgtgaaga	tgatctcatt	ttagcatgtc	agccggaaaag	ttcgggttaa	gcattggatt	360
ttgatatcag	tgaaactcgg	acagaagtag	aagtagaaga	attacctccg	attgatcatg	420
gcattcctat	tacagaccga	agaagtactt	ttcaggcaca	cttggctcca	gtggtttgtc	480
ccaaacaggt	gaaaatgggt	ctttccaaat	tgtatgagaa	taagaaaata	gctagtgcc	540
cccacaacat	ctatgcctac	agaatatatt	gtgaggataa	acagaccttc	ttacaggatt	600
gtgaggatga	tggggaaaca	gcagctgggtg	ggcgctcttct	tcatctcatg	gagattttga	660
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<210> 2683

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2683

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cttcgttaaa	aaaaaaaaaa	tttacttctt	acaattcttg	aggccaggaa	gaccatgata	180
aggtgccagc	atctgggaag	ggccttcttg	ctgtcctccc	atggcagaag	atggaagggc	240
aagggagagc	taacatgctc	ccgcaaacc	tttttataat	ggcatcaatc	aaatatgagg	300
ccagagtcct	tgtgacctaa	tcatctccca	gaaggctccg	cctcccaacc	ctgttgcatt	360
gggattaagt	ttccaacaca	tgaattgtgg	agacaacaca	ttcaaaacat	agcattccac	420
accttgggct	ccccagattc	atgtcctcac	atgcaaaata	aattcattcc	atcccaatag	480
cccctaaaaa	gtcttaactt	gttccagcat	caacttttaa	gtcaaagtcc	aaagtctcat	540
ctaaatcaga	tatgagtgag	actcaaggca	tgattcatca	tgagacaaan	gatgtacatt	600
tgcaatgttt	gtcatgtcag	acaaaacaaa	aatatgtaaa	tatccatcaa	tangggaaact	660
gctggaaaaa	tttttttgn	taatcataaa	atgaaacatg	ccgatgttta	aaccaatgga	720
gctagatctc	aacgtgctga	tattggaaat	gcttcaaaat	gtnttaangg	acataaaaata	780

<210> 2684

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2684

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caccagggg	ggccagttca	gagaccact	cccagggtgtg	cattctcttt	ctcaaggatg	180
ttccttgctg	agaaaaagaa	ttcagtgata	tttctcccat	ttgcttgtga	agaagagaa	240
atgtggcttt	gttccacctg	gctcaccggc	ggcagaattt	aaggttatct	ctcttgtttc	300
ctaaacattg	ctgttatcct	gttctttttt	caagggtgcc	agatttcata	ttgctcaaac	360

acacatgctg	tataatttgt	gcagttaatg	caattattac	agggtcctga	ggtaatatac	420
atcctcctca	gctgacagga	ttgagagatt	aaagtaaaga	caggcatagg	aaatcacaag	480
ggatttgact	ggggaagtga	taagtgtcca	tgaaatcttt	acaatttatg	tttagagatt	540
gcagtaaaga	cangcataag	aaattataaa	aagtattaat	ttggggaact	aataaatgtc	600
catgaaacct	tcacaatcca	tgtttttctg	ccatggcttc	aaccagtccc	cccgtttggg	660
gtcctgactt	nctgcaacaa	tgtcctgcag	gaaaagtttt	tctttatatac	cagtttttac	720
atgatgaata	tttccaatat	tcatagttat	gangctgaat	nctcttgaat	ttatnaa	777

<210> 2685

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2685

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gttgctgtca	catttagtcc	atcttcatat	aattcttatac	tgggccagtt	tcttgggcat	180
gggacatgtg	cagttacaca	agcctgtgct	cttaagaggg	tcttaccat	agtttaaatgt	240
tctgctgttg	tagtcttgaa	attcttaatg	atttaacaag	gggtcctcca	ttttcatttt	300
gcactgggcc	ctgcaaatta	catagcccat	cctgatttct	acaactatag	aatagcacia	360
tggaattcc	atatggatta	ataatatgtg	acacttacgg	ctttttctat	acgcttccaa	420
gtacttcata	taaattactt	catttcattc	aatggtagaa	ttggtagatg	cttaactttt	480
aatgaaagac	aaagtcagat	tcactctaag	gattaaaaaa	tatatgtaac	attacatttt	540
aaagattttc	aaaaacaatt	tggtgtggaa	atgaattatt	gncatgagat	attncccaact	600
agacggactt	cctgtanggt	cangggctct	ggctctctgt	anggatgaac	caagcttttc	660
ttgaanggcc	angtgctaag	tgtctcaagc	ttgtctgtt	aaggactacc	cactctgctg	720
gtgtagcaag	gaacacanc	ggttgagcc	agatnctcaa	atgancaagc	ctntt	775

<210> 2686

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (899)

<223> n = A,T,C or G

<400> 2686

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gccgccccct	gactgcttnc	agtgaacaaa	cctgctgttc	ctctcatcc	agctgccttg	180
cccactttga	aggaacaaat	gtggaagggtg	tttctctcca	ccagagtgcc	ccccctcatc	240
aggaggggtga	gcccggggca	gggnggaccc	ctgcctncac	acccccctcc	tgccgntatc	300
gccgtttaac	tggcgactcc	ggtattgagc	tctgcccttg	tctgcctcc	ggtgagggtg	360
agccagtcaa	ggaggtgagg	gttagtgcca	ccctgccaga	tctggaggac	tactcccgtg	420
tgccttacct	ccanagtntg	taccgcanat	ctttcccatg	gggctgtctt	ncagtgaag	480
gggacatncc	ataatagttt	tganagggtg	gatgggttac	tttgcccacc	aaaaacagcc	540
cttagtncca	acttccttgc	gtttcctttt	ggccccctcc	ttgccttacc	ttaaaaaatt	600
ttgccttgaa	aaagggcttt	gggaaaangg	ggcaanaaat	ttgggggggg	aacttggtgc	660
ntaanccttt	ttaaccccc	ccgcnnngga	acaattacaa	ccanggggaan	cccttttggg	720

atccttccan	tttaaaaaana	aaaatgtttg	gaaaccccaa	aaaaaaaaaa	aaaaaaaaaa	780
aaaaaaaaacn	ttcggagncc	ccttttttaa	aaacnttttt	aggggggggg	cccnttnntt	840
taaccttttaa	aaatncccc	nnccttggnt	ttnggnaanc	cccttttggt	tggaagttt	899

<210> 2687

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2687

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gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggaacacac	agcaccgagt	120
ctgctctgaa	tcttgaggga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatc	agtcagggtg	cgtaagcctt	gaataaccagg	240
tagcctcagg	agtgaaga	ttaaagtctt	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccacc	ctcn					794

<210> 2688

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2688

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acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatgggtg	180
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tgttgggtctt	240
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gntgggtttt	300
tctttctttt	tttttttttt	tcctctgngc	atcctanaaa	aactcccagg	actagactta	360
ggaggaggca	atcaagttat	gtggtaaaac	aagagtgcct	tttctgttgg	atatccactt	420
tagtttctctg	gcttccaggg	cataagatgt	ttanaaactt	tttttctcta	aacataagaa	480
ttattgtgtc	cacaattttg	aaccaccgat	ttccatatct	tcagcagcta	tcaacttgcc	540
aattcccttt	gggtctcctt	tgnatattct	tatgtttcct	tctgnttcca	ggtgcctcaa	600
aaagagttga	ggggggcatg	actcttataa	aatggataaa	aatgaactgt	acagatgttt	660
gcctccttgt	tctgtgagca	tgactctatc	angctggaaa	ancgctttat	cattttggat	720
atgtgaccat	tttggaattca	gcattacttg	actccttatg	tgcnttggca	atgtt	775

<210> 2689

<211> 1157
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1157)
 <223> n = A,T,C or G

<400> 2689

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cggggggacca	cagggnaggcc	aggcacccctg	tcccaaattgc	cccggnacnt	ttttattttaa	180
ccacccaaac	aagaaaacng	agaantacgc	caccccgggn	annggccaaa	aggngagnaag	240
gnggggaacaa	gcntnaccnt	gtgnctngca	acanacangn	gtggcnngaa	ancanccagg	300
actcnccggt	acatcaaadc	gccannngg	cgcncnncat	gttcttaacc	anccggaata	360
ggggacaatc	aattggttgn	cntttgngcc	tgccgaaaag	ctagctgggn	anatctgccn	420
ggttaaataa	gccccnttaa	acggaagggc	anangggggg	aacnnaanaa	ggtngangca	480
ttcccgccca	ccggaatgaa	gnaatgggga	ancccgccct	ggnggggggna	agtcangcan	540
aaacggcctg	acgnaaaaaa	aaanccattc	ncccccaant	tnngtanaang	gnncccaang	600
aaatncnnc	acngcnaaag	ncccccnngg	gcnaatgnnc	ccaaatcccc	tcccattttn	660
atnttatgna	aaccaccttt	ngggggaaaa	aaaaaaaaaag	nccntttntt	ngaaaggaaa	720
gggttgcccc	attgggctat	gggaaggngn	ncnnccccaa	attanaaaan	ttnnngggnga	780
naaaaaaann	gggcnncccc	gntttggggg	ncgnctttgg	gcaaaccacc	ccccgtgccc	840
ccaaaaaangc	ccaatgggta	ntccctaataa	aaaaaagttc	ccccttttng	tgggaaaaaan	900
cccccgagg	aggccccggn	gtttcaaagg	gggaanaatc	ccaaaaaaaaa	ccnaatccta	960
naanggccaa	angnggtnt	ncctnaaann	nnggnaatng	ncaaaagggn	ggngaannaa	1020
accnttgggg	anggcngaag	ttnccccctg	gaaaaaccgc	gggggggncc	cctcnccgna	1080
ananaaaaaa	aaccnnttca	aaccnngggg	gcctncgcgg	ggtgcccggg	acncnttttg	1140
aaaagatcca	cnccccg					1157

<210> 2690
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2690

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tatttctcac	aatagtaata	atgggttacia	ttgactacct	tgtnggagtt	ccatctccta	120
aacttcatgt	tctgaaaaa	tttgagccta	ctcatccaga	gagaggggtg	atcataagcc	180
cactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aagggaacaca	300
aattgaagaa	aggagctggc	tatcaccttg	atttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatggtttg	tggctgcaac	agtgttgcaa	taagtcatgt	420
caacagctta	aaagttgaat	ctgaatgttc	tgctccaagg	gaacaaccca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggctaata	gattttttatt	ctaattgggccc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttcc	cattnaaagg	aatccagtta	tttgaccctg	atnaaatatt	tgggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
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<210> 2691
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 2691
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 tgcaccacaga agttcaaggc tgcagtgagc tatgatcaca ccatggcact ccagcctggg 180
 caatagaatg agaccacagc tctaaaaaag tagaagttaa aaaaaaagat taagaataga 240
 tgtagggcag cagaatttcg aacttctttt cagcatcaca atacttttaa acagtgattg 300
 tcatctgcct caaacccatt gcctctcaca taggaaatat tttgaaacat attttttagt 360
 accttgaaat gaaattcatg ataattaacc catctacaca cattttttaa aatcaatata 420
 gggccctaac agcaatataa aggggaaata aaaagaaact aattgtaata aaataatatt 480
 gatttcaata agtacattct agcccagtg cttataaattt taatgtgcat atgaatcatc 540
 cagcattctt attaaatgca gattctagtt cagtagattt tggttcagta ggtaagccct 600
 gagatttggc atttctagca gctnctagat gatgcccaca ctgctgttta gtaaagagca 660
 tactttgagt agtaanggcc gaaaagtata aaaaaaaaaa aaaaaaaaaa aactcggcct 720
 ctanactata ggagtcgtnt tacgtanatc cngactgata agatcattgg tgagtt 776

<210> 2692
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2692
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 actggctgtg cttgttgctt ctggggccctc ctgggacaga gctgggaagt ggatctatga 180
 cagtgcttg tgcatttacc cgccctgttg gtttctgtag ctgtctagtt cctgctgttc 240
 ctgtctcacc tgcacctttc cttatgtgta gtttcttct gtgacaggga gaaacctggc 300
 tctcagattg acaggacatt cgcttaggcc atgtcagtg tgtaggtgaa ctgttcaacc 360
 tgtgccccag ggaggcgag tcaactatgga ggcaccttac ttccttaatc gtgtactggt 420
 gtttttgtgt ttgacctgta gcatctaagt actggtttca aaagtgcct agatgagttc 480
 ttttctttct ttcacctcct gcaaattatg tgatttgcac aatttgtaca taagttaggt 540
 tcatttgtaa gtttgtatc cttttggcct ccccatatc ctcgttgact ttttctttct 600
 tttgtaactt acatatgtta tgaaattata tgaggatata taatttcata aatgtttatg 660
 ggttacatgt attaatggg attattaaaa ncacctggg attgactggc caaccatttg 720
 gtggaagata gcaataaata atacatcata aaagacttta atgtaaaaat aan 774

<210> 2693
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 2693

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ttaatccct	gaatcctact	tgaacattgt	ataaatttct	ctttgcatat	aatacatatt	120
tgtgaatgag	acataattccc	aaaaaattct	tatctctgta	tgtgattgga	aaagaaaaga	180
tcacatttgt	atattcaaca	atctttcacc	tatttcataa	gtcatttttt	caccctgtat	240
agtaggggaa	ttatttttta	tgtaaataag	aaactgaatg	tactgggttg	aatggtgtcc	300
tctccaaaat	tcatgtactt	cctggagcct	cagaatgtga	ccttatttgg	aaatactng	360
gttgtggttg	taagtagcta	agatgangtc	atactggagc	agggcaggcc	cttaatccaa	420
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tgcttgtaat	gtcagctacc	ccaagaatct	gangcacaaa	gaatcacttc	gaacctggga	660
agnggaggtt	gccanaaccc	caccactggc	actncagtgt	ggagcaacaa	aaccgagact	720
cttgtcttca	aaaaaaaaana	nannaaannn	nnnnnnnanc	ctcgnancct	ttaaaacttt	780
aggagggccg	tntttacgta	natcccaaac	atggat			816

<210> 2694
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2694

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tgaggagtgt	ttaatcattg	atacagaatg	taaaaataat	agtgatggaa	agacagctgt	120
tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgctttag	tcctgaagag	tcatgtgttt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgagagaga	ttttaaaaat	gcaggatgag	300
ctcttaaagc	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgta	cgctgcagtg	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggt	tntggagttt	gaagctcttg	actgaaagtg	gactttgtcg	720
cttatngact	ggaaagttaa	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gccntt						786

<210> 2695
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2695

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tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgcttgtag	tcctgaagag	tcatgtgttt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgagagaga	ttttaaaaaat	gcaggatgag	300
ctcttaaagc	caattttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgtg	cgctgcagtg	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggg	tntggagtgt	gaagctcttg	actgaaagtg	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gcennt						786

<210> 2696

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 2696

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ggccgagggga	gacggtcggc	agccacagtg	gcggcttggg	gcggatgggg	cggcccggcc	120
gcgggcctgg	taacattctt	gcttgcaact	tgcggcaggg	ccaacttgac	cggccggggc	180
ctgggtccggc	cgggtgcaag	ttcaattgag	aacttttttg	acggaagagg	ggaccaaacc	240
attccaagtg	ggagtggaa	tcctcagctg	cttctctcaag	ctgcacacca	ccagccacct	300
tcacagtgc	tttgttgagt	gtcaaaacat	ctcaaggaaa	tttctctctt	tctctncatg	360
gaggctatgg	cattgggtact	gaagagagga	aacttaccca	agaaaccact	tatncaaata	420
cttacatttt	tgacttgttt	ggangtggtg	atcttcttgt	agaaattctt	atgangccta	480
cgatctctat	ncggggacag	aaactgaaaa	taagtgatga	aatgtncaa	gactgcttga	540
gtatcctgga	taatacctgt	gtctgtcaga	nggagttaca	aagcgtttgg	cagaaaagaa	600
tgactttgtg	atcttnctgg	ttacattgat	gaccaagtaa	agaagacatt	nttacaacaa	660
gnaacccttc	attgaagata	ttttgggtgt	tnaaaangga	aatgatccga	ctngatgaag	720
tccccaatct	gagtccttaa	nttccaattc	gatcaanaac	aantcgctta	atttttgccc	780

<210> 2697

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 2697

nnntttnnnn	nntttaatat	ttatacacct	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggcaaacac	agcaccgagt	120
ctgctctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatc	agtcagggtg	cgtaagcctt	gaataccagg	240

tagcctcagg	agtgaaaaga	taaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	atthttataaa	atgacttaaa	aattttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgthttctgtg	660
aattttcatga	agagcagaac	atthttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccacc	ctcn					794

<210> 2698

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (696)

<223> n = A,T,C or G

<400> 2698

aaatngcnag	gctacttggt	ctthtttgag	gatcccatcg	attcgaattc	ggcacgagaa	60
gaagaactta	tcgattcctc	tcctctcagt	gacaaccaa	gaatggataa	attagagaaa	120
accaacagca	gcttacgcaa	acagaacctt	gacctccttg	aacagttgca	ggtggcaa	180
ggtaggatcc	aaagccttga	ggccaccatt	gagaagctcc	tgagcagtga	gagcaagctg	240
aagcaggcca	tgcttacctt	agaactggag	cggtcggccc	tgctgcagac	ggtggaggag	300
ctgcggcggc	ggagcgcaga	gcccagcgac	cgggagcctg	agtgcacgca	gcccagagccc	360
acgggcgact	gacagctctg	caggagagat	tgcaacacca	tcccacactg	tccaggcctt	420
aactgagagg	gacagaagac	gctggaagga	gagaaggaag	cgggaagtgt	gcttctcagg	480
gaggaaaccg	gcttgccagc	aagtagattc	ttacgaactc	caacttgcaa	ttcagggggc	540
atgtcccagt	gtthtttttg	ttgtthtttag	atactaaatc	gtcccttctn	cagtcctgat	600
tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	atgcaactta	tgthtttaaaa	660
aaaaaaannn	nnnnnnnnnn	nnnnnnnnnn	nnnnnat			696

<210> 2699

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (708)

<223> n = A,T,C or G

<400> 2699

ttagccttgn	ntthttgcnga	tcctcogatt	cgaattcggc	acgagaaaaa	cctgggtatg	60
tatctagaag	tggaaaaaaca	aaaaaaggaa	ataagttatg	aaaataaaaa	ccatgtcttg	120
agctgggtgc	gctgggtgtg	gcctatatcc	ctagattctc	aagaggttga	gacaggagga	180
tcacttgagc	ccaggagttc	aagtccaact	tgggcaacat	gacaagaccc	ttgtctcttt	240
aaaaaagcaa	ctcaaaccat	gtcttgaaaa	gctatttaat	ggtcagacac	gatggctcac	300
gcctgtaatc	ccagcacttt	gggaggccga	ggcaggccga	tcacttgagg	tcaggagttc	360
aagaccagcc	tgccaacat	ggcaaaaacc	agtctctact	gaatgaaaat	acaaaaatta	420
gctggcctag	cagttgggtg	tggcagggtg	ctgtagtccc	agctacttgg	gaggctgagg	480
caggagaatc	gcttgaattt	tgggaggcgg	aggttacagt	gaaccacat	ggcgccactg	540
cactccagct	tgggtgatag	atgagactct	atctcaaaan	aaaaanaana	aaaactcgag	600

cctntagaac tatagtgagt ctattacgta gatccagaca ttgataagat ncattgatga 660
gtttggacaa accacnactn ggaatgcagn gaaaaaaaaat gctttttt 708

<210> 2700

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 2700

tnctaanncc	ggctatngtt	ctttttgcag	gateccatcg	attcgaattc	ggcacgaggt	60
ttgtgtgaga	tttgatcata	gtctaaaact	atcacgtctg	agttgcctta	ggatgacagt	120
gctgacaccc	agtaggaagt	atcccatttt	tatcaggaaa	gtcagtcacg	cgtagggatg	180
gtgaggagac	gcgtagggat	ggtgaggagg	ggagaggagg	gagacctgct	ggtgcccttg	240
caccaggggtg	aggcctgact	cacgctgctt	ccccccacag	gccctgcttt	gcttgccctgc	300
tttttccaga	atcgattttg	caagcttcaa	gattctgttc	ccctcttcgc	agaagtgagg	360
aaggcaaata	ctcaggggtt	gaagggagac	ctggccggcc	tgagggtctg	cagatgtgag	420
ggcaggacac	ctgggatgga	ctcgtaggct	gaccagggcc	caaagggggc	tgccctgtcc	480
caactctttc	actctgtaac	ccatttttaa	atgagttttt	gaatcttgcc	tcaaattgac	540
ctacttggat	aaaatcagtg	cttttcctaa	cttgattttg	tttgacgtgg	ttccctctaa	600
gagaatggta	ggaattgaaa	ctatttgtat	atggtgaaat	ttgtaggggt	tcaggaaccc	660
atggcagaaa	cactaaacta	tttatttaca	agtatgacta	tttttttttc	aaaagtaggc	720
aattctttgt	atatttttaag	gcaaataatc	acttcacett	ctggtgcctt	cc	772

<210> 2701

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2701

ttaacntnca	gctacttggt	ctttttgcag	ggatcccatc	gattcgctgg	accgggtctt	60
ggtgctttcc	agctcagggc	gttgggccac	ttgggtattc	ttggggacca	aaatccaagc	120
taggatgggg	acagaggcct	ggagacaacc	tgctggccct	cttccattaa	agccattaca	180
gtgtcaccac	aggattgtaa	gaattacaaa	tgctgtttcc	agagtcccca	gagaaaaagg	240
agtctggcag	ttagaagagt	aaagtgcac	tgtaacaaa	agaaatacca	aagatgagac	300
tacagcagcg	acttgtcacc	tcttccgtgt	tgctactgcc	tgagaacaga	ggtttttagt	360
ttcttttaaag	ggttgtaaac	ataaaaacaa	agaaggatac	aacatgcaag	gcctaaaatg	420
tttactttct	ggccttttac	acaggcagtt	cgccagcccc	ctaccctaca	gtatggaaaa	480
aaggcataga	acagtcaaat	cacgtaggat	ttcttggttt	ctccatgcag	gctcatcgaa	540
tagcaaccat	cctttcttag	tttcttgaaa	caagtacctt	atttacattc	agagaattat	600
atgtggacaa	acagctcata	agcccgtagt	tttacatact	cacttcctga	attgcatatt	660
gaaaaagaga	gttcatgtaa	agccgattat	tatttaattc	aaagttatgt	tcacatagga	720
agcactagtg	tagagaaata	gggtctgang	gacaaggagc	ctgtgtgccc	gtgtcgg	777

<210> 2702

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 2702

ttaacntnca	gctacttggt	ctttttgcag	ggatcccatc	gattcgctgg	accgggtctt	60
ggtgctttcc	agctcagggc	gttggtccac	ttgggtattc	ttggggacca	aaatccaagc	120
taggatgggg	acagaggcct	ggagacaacc	tgctggcctc	cttccattaa	agccattaca	180
gtgtcaccac	aggattgtaa	gaattacaaa	tgcgttttcc	agagtcccca	gagaaaaagg	240
agtctggcag	ttagaagagt	aaagtgcac	tgtcaacaaa	agaaatacca	aagatgagac	300
tacagcagcg	acttgtcacc	tcttccgtgt	tgctactgcc	tgagaacaga	ggtttttagt	360
ttcttttaaag	ggttgtaaac	ataaaaaaaa	agaaggatac	aacatgcaag	gcctaaaatg	420
tttactttct	ggccttttac	acaggcagtt	cgccagcccc	ctaccctaca	gtatggaaaa	480
aaggcataga	acagtcaaat	cacgtaggat	ttcttggttt	ctccatgcag	gctcatcgaa	540
tagcaaccat	cctttcttag	tttcttgaaa	caagtacctt	atttacattc	agagaattat	600
atgtggacaa	acagctcata	agcccgtact	tttacatact	cacttcctga	attgcatatt	660
gaaaaagaga	gttcatgtaa	agccgattat	tatttaatat	aaagttagtg	tcacatagga	720
agcactagtg	tagagaaata	gggtctgang	gacaaggagc	ctgtgtgccc	gtgtcgg	777

<210> 2703

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 2703

cctaancgct	tggctactcg	nnctctctgc	aggcatccca	tgcgattcgg	gtagttaagc	60
ccccccaaaa	caagacggna	aagtgaaaat	acttcagata	aacccaaaaag	aaagaaaaag	120
ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	taatgcagaa	180
tttcaaaatt	tctgcattca	cggagaatgc	aaatatatag	agcacctgga	agcagtaaca	240
tgcaaatgtc	agcaagaata	tttcggtgaa	cgggtgtggg	aaaagtcctt	gaaaactcac	300
agcatgattg	acagtgtttt	atcaaaaatt	gcattagcag	ccatagctgc	ctttatgtct	360
gctgtgatcc	tcacagctgt	tgtgtttatt	acagtccagc	ttagaagaca	atacgtcagg	420
aaatatgaag	gagaagctga	ggaacgaaag	aaacttcgac	aagagaatgg	aatgtacat	480
gctatagcat	aactgaagat	aaaattacag	gatatacat	tggagtcact	gccaaatcat	540
agccataaat	gatgagtcgg	tcctctttcc	agtggatcat	aagacaatgg	accctttttg	600
ttatgatggg	tttaaacttt	caattgtcac	tttttatgct	atttctgtat	ataaangtgc	660
accgaaggtn	aaaaagttat	ttttcangtt	gtanataatt	tatttaatat	ttaatggaaa	720
gtgtatttat	tttaccanct	cattaaacnt	tttttaaac	aaaanaaanac	nntctnnnnn	780
nntccc						786

<210> 2704

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 2704

gngagggnnnn	tttnnaanat	cagctacttg	ttcttttttg	aggatccctc	gattngaatt	60
cggcacgaga	tttgaggacc	tcagacattt	ttaaaaatgt	aaagggggtg	gggtcaggct	120
cagtggctcg	tgctgtaat	cccagcattt	tggagggccg	aggcgaacgg	atcacttgag	180
gccaggagtt	tgaggctagt	ctggtcagca	tggtgaaacc	ccgtctccac	taaaacaaaa	240
agttttctgg	atgtggtggc	acacatacct	gtaatcccag	ctactttggt	ggctgaggca	300
tgagaatcac	ttgaacccag	aagacagggt	gcagtgagcc	aagattgtgc	ccctgcattc	360
tagcctgggt	gacagtgaga	ctgtctcaaa	aaataaagggt	gtacagggat	tgtatatattg	420
acaacttggt	atgtaggatg	tgctacctct	aatgttccat	gctgttactt	agttttcact	480
cactactata	ttttggagat	ttgttcatat	tgctctgtgt	acattttaatt	cttcagtgtg	540
tatccaccac	atttaactta	ttcacttaca	gaactatgca	agaattttctc	tggtaaattt	600
cactaagtac	ttatgtactt	ttcagaacga	ttgtgagttt	acacccctac	cagcaggact	660
gagttgagta	cccatttcct	cacatncttg	ccagtcttca	tttgccctaat	tttgccattc	720
tcataatgtg	gcaattgtca	a				741

<210> 2705

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2705

ttnaaatcgc	tnggctactn	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtaagttat	ttgttaagtt	agaacctca	gtgcatggtc	tagggatctc	tggaggtccc	120
caggaccctt	tcagagaagc	catgaggtca	aaactgtttt	cataagcaga	acccaaacat	180
tatttgactt	tttcaatgca	ttggcatttg	cattgatggg	acaaaagcaa	ggatgagtaa	240
aatgggtgat	tccttagcgt	gatcaagatg	gtagtaattg	tactagtagt	cattgtattc	300
ttcactgcca	caattttttt	taaaactacc	aattttaatt	aagaatgtta	gtcacagttg	360
tttaaaagct	cagaactccc	attaataaaa	aatttaaaaa	agaatgtctt	tggtaaagca	420
gcaaaaactg	gatgaatttt	attaactcta	gagccttgag	taaacatctt	ttcaggattt	480
tgtgtgttga	aatagaaaag	atgggccagg	tgtagtagct	catacctgta	atcctagcac	540
tttggggagg	tgacgtgagt	ggatcgcttg	agcctaggag	ttccagacca	gcctgggtaa	600
catagtgaat	accctgtctc	tacaaaaaat	acaaaaaat	tagctgggtg	tngtgggtgtg	660
cacctgggtg	tgtagctac	tttgggaagc	ttgaaggcaa	naaaggant		709

<210> 2706

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2706

gagaggnttt	ctaattcnng	ctacttggtc	tttttgcnng	atccctcgat	tcgaattcgg	60
cacgaggtgg	atacctctag	tgcaatttat	aagcaatatc	gtttacaaaa	ggttacagag	120
aagtatccag	aattgcagaa	tttacctcaa	gaactctttg	ctgttgaccc	aactaccgtt	180
tcacaaggat	tgaaagatga	ggttctctac	aagtgtagaa	agtgcaggcg	atcattattt	240

cgaagttcta	gtattctgga	tcaccgtgaa	ggaagtggac	ctatagcctt	tgcccacaag	300
agaatgacac	catcttccat	gcttaccaca	gggaggcaag	ctcaatgtac	atcttatttc	360
attgaacctg	tacagtggat	ggaatctgct	ttgttgggag	tgatggatgg	acagcttctt	420
tgcccaaat	gcagtgccaa	gttgggttcc	ttcaactggg	atgggtgaaca	gtgctcttgt	480
ggtagggtgga	taacacctgc	ttttcaaata	cataagaata	gagtggatga	aatgaaaata	540
ttgcctgttt	tgggatcaca	aacaggaaaa	atatgaacat	gatattttat	agcttgggaa	600
gaaacttgca	gatgatatgt	gctgcctttg	cttcttatca	ttcatggcag	atgtttgtgc	660
tttcaacatt	tcatattgaaa	tgggagaaga	taaaatcact	tgatgtacct	ggaaactatg	720
ctttacatgg	caatcaaagc	cttt				744

<210> 2707

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2707

naatcgctag	gctcttgttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcta	60
tgatcaggac	tgactaggta	gttggcatgg	cccatagaga	acaaggaaag	atgggctggg	120
ggattggccc	acctgggagc	cacatggggc	aaggggagcc	ctcaccctca	gccagccaga	180
cgagtgggat	ttccccagc	acagcatacc	cccttcacaa	agggacaact	aaagtgttcc	240
attaagcaag	tcctgggatcc	tgtgcccccc	aactgggtga	gacaccccaa	tggttcacca	300
gacaccttat	acaagagcat	ttctactggc	atcagggtgg	tgcccctcaa	ggacagagat	360
cccagaggaa	ggagtggggg	ctcatctttg	ctgttctcca	gcaactctctg	gtgacatctt	420
cagggtgtggg	agggacccag	ataagtaggg	cttgaagtga	atccccagca	aactgcagca	480
gccctacaga	agaggtgcct	gactgttcaa	aggaaaacag	aaagcaacaa	caacatcaac	540
caaaaagtcc	ccacgaaaac	ctcatctaaa	ggtcagcagc	ctcaaagatc	aaaatgagac	600
aaactcatga	agatgagaaa	ggaatgaaaa	acccctcaca	actcaaaagg	ccagantggc	660
ttgtttactc	caaatgatca	caacacctct	acagcaagg			699

<210> 2708

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (692)

<223> n = A,T,C or G

<400> 2708

tacangctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagagaacag	60
ggagaagaga	ggaagaggga	gctgcagggt	ccagaagaga	acagggcgga	ctctcaggac	120
gaaaagagtc	aaaccttttt	gggaaaatca	gaggaagtaa	ctggaaagca	agaagatcat	180
ggtataaagg	agaaaggggt	cccagtcagc	gggcaggagg	cgaaagagcc	agagagttgg	240
gatgggggca	ggctgggggc	agtgggaaga	gcgaggagca	gggaagagga	gaatgagcat	300
catgggcctt	caatgcccg	tctgatagcc	cctgaggact	ctcctcactg	tgacctgttt	360
ccagggtgcct	catatctcgt	gactcagatt	cccgggactc	agacagagtc	cagggtctgag	420
gaactgtccc	ccgcagctct	gtctcccttg	ctagagccca	tcagatgctc	tcaccagccc	480
atcttctctac	tgggctcctt	tttgactgag	gagtcacctg	acaaggaaaa	acttctatca	540
gtactttgat	atgtcacagt	ttcatgttta	tccagttcaa	tgtattttta	aatttttctt	600
tgagacttct	ttgactgata	gattattgtg	aatgtgtttt	taaattttcca	aatgtttang	660

gatttttcata tcttttcttat gctgatttcc aa

692

<210> 2709

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 2709

gcnnnnnnntn nnnttgcnaa tcgctaggct acttgttctt tttgcaggat cccatcgatt	60
cgaattcggc acgagttttt tctaataccaa acgcacttct ctttattcaa accagggtca	120
aactgggtcaa tgggaaacgc cctgaagcca cgtgcctggg gagaaaggct tcctactcgg	180
ttcggttcag cgctgcgtgg gatccacgcg gctggctgtg cgcaaccccc acagttcacc	240
tcagacacta ccaagcagggt cagtcgacaa aagcaaggaa ttaaacaaaa aacagaaata	300
cactcagtag atttcttcta gaagctccca gagtttctgg accaccaagt cccaaccccc	360
aaagccagga gcgagggggac taacagcgca cccctccac cagtgcgcgac ggaaaccccg	420
ttttaaaatta aaaaataagc cagtatacat cgtagaaaat ttctcttaaa aatctcacia	480
tttgtaaattg tatatttttt ctttaacata aaagtttaca atataccgta aaacaaaagg	540
ctcaggaaaa taatttccaa aaaaaaggaa gaaaaagaaa cctgaagttt tgaattaaag	600
ctgaagacat ttttttaaaa ccctgttgtt gaaccagtga ctttttttta ttgngctgat	660
gggttagaga aagaaatatt taaaaacaaa nanannnnnnn annnnnnnnnn nnnnnnnnaa	719

<210> 2710

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 2710

gncnntnttn acttcenaat cgettggtta ctcgttctct atgcaggatc ccatcgattc	60
ngacagactc gtctnatcag agatggggag aangtcgaag cctatcantg gagtgtagt	120
gaanggaggn ggataaaaat tggngatgtn gttggctcat cnggtgctaa tcancnnaca	180
tctgnaaaaag tnntatntga agggananaa tttgattatg tnttctcaat tgntgttaat	240
gancgtggac catcatataa nttgccatat aataccagtg ntgacctnn nttanctgcc	300
taccactnnt tacagancnn tnanntgaat ccnntgttnn nngntcaact ncnttaantc	360
atnantggtn acacataagg tnatangntg gnactngaga atnccagntt nncagatcca	420
tttacangcn gttnncacggn atgtcacnnc tctnctngat ctnttgacnc actgcccacn	480
gctgatectt tnncaantgc tgnanngnat gtaccacatt ctgaatgtat cnnaactncn	540
atnncctgat aancatccat ntcagggaan attgcctccc natcngnatg cntntaaaac	600
aatgaatctt gggccctna tanctaggct gncacattat gaccangctt accctacacc	660
aatattangt aaactgaaat gaactttatg gaactgnnt nntagcacia ntctc	715

<210> 2711

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (721)
 <223> n = A,T,C or G

<400> 2711
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 gaggaatgc ctgcacctgc ttcggtcgc gcacgggtgc cgcaccact ggcctgcgcc 180
 cactgtctgg cactcgctag tgagatgaac ccggtacctc agatggaaat gcagaaatca 240
 cccgtcttct gtgtcgctca cgtggggagc tgtagaccgg agctgttctt attcggacat 300
 cttggctcct ccccaagagt tctggagttc gagaagtcaa ggatcggggg gctggcctat 360
 tcagttcctg gtaagggtct tcttctcggc ttgcagttga actacttctt gctgtgtctt 420
 cacaagcatg ccccatcct gtgcgataa gaactccana ccccaaactc agctcataca 480
 cacacggaag agagaagcat ctgaacatca agaagagaan aagctgctgg acatcagaaa 540
 ctgtgaaagg agaggagttt ggctgagctc caggggaaga ctgcctgcac attctatccc 600
 cttttcagtt ccccatcctg ctgtcagcca catttaccac tcaataaaat cttcacattc 660
 accatccttc aaaaaaaaaa aangaaaaaa ctcgagcctc tagaactata gtgagtcgga 720
 t 721

<210> 2712
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (711)
 <223> n = A,T,C or G

<400> 2712
 gcngntnttn antttcaa atcgctnggcta cttgttcttt ttgcaggatc ccatcgattc 60
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 ttcttaggat ctgatcccag tttcttgga gcaatcctac ccagcccaa gcttcccaga 180
 gtcgagcctt aatccttctc acttctcagt gtcagagcag aaatgaatcc tggggttgac 240
 tgtgtocatt cgggttatta gcagctaaga agcccagacg agtagtgtga gctgccttgg 300
 gagcctcagt gagggcactg ggactggcct cactctcttg ccccgagcct agtgggcttt 360
 ctctctgtgc tctccggtgg cccagggcaa tgcactgcat cacgcaggga cgtgagttgg 420
 agcggccacg tgctgcca ccagaggtct acgcatcat gcggggctgc tggcagcggg 480
 agccccagca acgcccagc atcaaggatg tgcaagcccg gctgcaagcc ctggcccagg 540
 cacctnctgt ctacctggat gtcctgggct agggggccgg ccaggggctg ggagtgggta 600
 gcccggaata ctggggcctg ccttagcatc ccccatagct tccacagccc cagggtgatc 660
 tcaaagtatc taattcacct taacatgtgg gaaggagacag gtggggcttg g 711

<210> 2713
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

<400> 2713
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 ggtgaaagag ttcattgacct ccttgccgcg ggctgggtgc tctgcgatca agggctgcag 120

aaccagnccc	ngngcntggg	ggnontgacc	tcttacannn	cgtgccggtat	tcnaatcggt	180
ggtatcctgc	tcaaggactg	tagctcntnt	acganaangn	tnacnnacnt	gatagacacg	240
tccacatcac	anttggcccc	aaactgcctg	tgctcctcna	tggtgtctct	ccctccagaa	300
aacgcatgct	tattgacctt	ggttttgatc	tgcttgcccg	tgctgggtgag	gaagatggag	360
gagttggggg	cgctggcact	cattttgggtc	tgggcgccct	gcanggctgg	gaagaagggtg	420
gagtgcacat	gggataaggc	actggatata	cgtcctgtct	cggaagatct	gtgggaatga	480
gttgctgaag	gagggagcan	cctgnatggc	angaaaactg	atcttcccaa	tgcantcgct	540
gtcantgaag	ccgaaaatgc	ctttcacttg	gttgaaggta	acatgctttt	gaatcttcac	600
cacatttttg	tanaaacctg	aactgctcta	naactatant	gagtcntatt	acntanatcc	660
anacatgata	agatacattg	atgaatttgg	acaaaccaca	actagaatgc	antgaaaaaa	720
atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	c	771

<210> 2714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2714

gngagnnnnn	tttttaanat	cagctacttg	ttcttttngc	aggatccctc	gattcgctca	60
aaaccaaata	tcaactcagc	tacagaatct	actgtgggtc	ttgtctgaaa	aaattagttc	120
actcggttgg	aatcttgtct	cagagcatcc	tcactctctt	ctcaaaaagcc	cctaccccaa	180
caccggcggtg	ttggttgtct	attgaaactt	acaagtggat	ggaccctttc	tcccgaataa	240
actggccttt	gaaagctcta	atcgaaatgg	tttggcaaaa	tccatactgc	aggagattag	300
ggaggacaag	aatgatgtgc	ctttttgtac	tgctgagcct	gatgggtggg	ccactacttc	360
aggtacttag	atgagtcttg	atgctaatag	aattgtgtcg	ccaaacatat	ctggacagtt	420
acaacctaat	ctatgcatta	attggtttgg	gaattgcttg	aaattattgn	ttaattcaat	480
gttttaattc	gttttctctaa	aaattttaagt	gcccccatca	tcttgcaata	cctcagtgc	540
gcaactcctt	gattcttgga	tgactgaact	tnctaacttg	actctgcca	ttgggtcccat	600
ttttcatgtt	tttcacaaat	agttaaccag	gtacctacta	ctgtgcaccg	ctgcagaagc	660
attgaaggat	gtatgtgatg	agtnaaaaca	cccaacctgc	tctgctgngt	taggattatg	720
acngaaactg	gtcaaaatca	catgtgaaca	aa			752

<210> 2715

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 2715

gnnagnnnnn	nnnnngnnng	nttttnaaga	ncagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagagggg	gactggggag	aagggaagag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gccagtaaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgctcat	cgcaagcatt	tgacaaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggetgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtc	480

caaagcagag	agacgtggcg	gcatgtgggc	agcatgcccc	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnttttt	tt				742

<210> 2716

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2716

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttctttttg	caggatccca	60
togatcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagaggga	gactggggag	aagggaaaag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gcccagtaaa	ctgcggggcg	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaaag	gcttagctct	ctccctcctg	acctctgggc	agccagtcac	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgcccc	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnttttt	tt				742

<210> 2717

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2717

gnnngnnnnn	nnnnngnnng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gccttctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcncnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgncntnttg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttgggaaga	ctctntcnaa	ttntnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtg	480
tagaagtgcc	ccatgmatgc	taaatgtata	cgtagtgaac	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatnccga	atgctttttg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatect	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcactctg	ggt					733

<210> 2718
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (733)
 <223> n = A,T,C or G

<400> 2718

gnnngnnnnnn	nnnnnggnng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gcentcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcctnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgntcnttgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttggaaga	ctctntcnaa	ttntnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaag	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	ggt					733

<210> 2719
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2719

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tgcaggatcc	catcgattcg	aattcggcac	gagctcatgc	ttcaagaagc	agataaactg	120
ggctgcaaac	agtttggtac	tcttcgagat	gtgggtttcag	gcaatcctaa	acttaattta	180
gctttttag	ctaatttggt	taacacatac	ccgtgcctgc	acaagccgaa	taataatgac	240
atcgatatga	atttactgga	aggagagagc	aaggaagaga	gaacatttcg	gaactggatg	300
aattccttgg	gagtcacccc	atacatat	catttggtaca	gtgaccttgc	agatgcttta	360
gtgatctttc	agctctatga	gatgatccga	gtgccagtca	actggagcca	tgtcaacaaa	420
cctccttata	ctgcccttgg	agggaacatg	aagaagggtga	atgaaataat	ggccatggat	480
atattgntat	tggtctgata	tgaaacaaaag	aatttagagt	ttcatgaagt	tatacgtgct	540
ctgtccccac	aattctgatt	cagacaaaaa	tgtgttaagc	ttaatagcct	ttttacaagt	600
ttgctttaat	aaatttgaag	atgaaggcaa	aaaaaaaaaa	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnanaaaaaa	aaaacctngn	ccctttaaac	tttnggnggc	720
ntttncntaa	nncnnactt	gaaaaancn				749

<210> 2720
 <211> 768
 <212> DNA
 <213> Homo sapiens

<400> 2720

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acatacagct acttgttctt tttgcaggat cccatcgatt cgagacagtc aagctgcatt      60
gcaacactgc atgtctgact aacagcatac attgtcctga agaagcatct gtaggggaatc      120
cagaaggagc gttcatgaag atgttacaag cccggaagca gcacatgagc actcagctga      180
ctattgagtc ggaggcgccc tcagacagca gtggcatcaa cttgtcaggc tttgggggtg      240
atcagcttga aattcagcta accgagcagc tacggtcctt catccccaac gaggatgtga      300
gaaagttcat gtctcatgtt atccggacct tgaaaatgga atgttcagaa acacatgtgc      360
aaggggagctg tgccaagctc atgttgcgaa caggcctcct gatgaagctt ctcagcgagc      420
agcaggaagc aaaggcattg aatgtagaat gggatacgga ccaacaaaaa acaaattata      480
ttaatgagaa catggaacag aatgaacaga aagagcagaa gtcaagttag ctcatgaaag      540
aagttccagg agatgactat aagaacaaac tcattcttgc aatatctgtg actgtaatac      600
taataatttt gattataatt ttttgtctta tagaggtgaa ttcacataaa agggcatcag      660
aaaaatcaaa gacaacccat caatatcagg agcctgagca tgagttaaag catgtggatg      720
gcctggaact atgtttttta aatggtatta aatattggtt ttttactt      768

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<210> 2721

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2721

```

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cacacggaga cagatactgt ggaccccaana agcaatggac ggccccccac tgctgctgct      120
gtccccaaat ctgcgaaata catcgctcag gtgctgcagg actcagaggt ggacggggat      180
ggggatgggg ctctgaggag ctcaggggat gagccccat catcctcatt ccaagatgag      240
gagttgctga tgccaccga cgccctcacg gacacagact tcagtcttgc gaggacagcc      300
tcataagagaa tgagattcac cagtaagggg agggaggggc cctggaggcc acatcctgcc      360
ccacccacc cccactccca cngacactaa aacgctaata atttattana tctaaagccc      420
cttctnccca gccctgctt tcattaaggt atttaaactt gggggtttca ctgctctccc      480
cccatgatgg aaggagggag ccccccaacc tcagttagga nagccccgag ccggccccgg      540
ggcaaagagg ggtgcagagg gagttcccca natcaagtc cccaaccctt cccactagta      600
catgaccagg anagggttaa tgataccaac aagagtcctg gtgcacctgg tgccgggtggc      660
tgagacctg gggggcangt ggatctgggg ctgatcccc ctccgttttt tcacccacat      720
ttctctggga tttgc      735

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<210> 2722

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2722

```

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atcccatcga ttcgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt      120
tgagggtgta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcatt      180
ccccactgtt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct      240
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttgttt      300
gctaaatgaa ctaaaaatta tgagatttgc acctaaagggt actgaggtaa aggagagcca      360

```

aaagtggggt	agtcaatcta	cttattcaga	atgagtcgat	aattttaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctgggtgtg	gtgtgggggg	tgtgtgtgtg	nnnnncnnnn	nnnnnnnnnn	nnngnnncnn	660
nnnnngnnnn	nnnnnnntnn	nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2723

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2723

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cgagaaatac	ctcaggaaaa	acgaggaggt	gaagtattgg	attcttctca	tgatgacata	120
aaacttgaaa	aaagtaatat	tttgctgctt	ggaccaactg	ggtcaggtaa	aactctgctg	180
gcacaaaccc	tanctaaatg	ccttgatgtc	ccttttgcta	tctgtgactg	tacaactttg	240
actcacgctg	gatatgtacg	cgaagatatt	gaatctgtga	ttgcaaaact	actccaagat	300
gccaattata	atgtggaaaa	agcacaacaa	ggaattgtct	ttctggatga	agtagataag	360
attggcagtg	tgccaggcat	tcatcaatta	cgggatgtan	gtggagaagg	cgttcatcaa	420
ggcttattaa	aactacttga	aggcacaata	gtcaatgttc	cagaaaagaa	ttcccgaag	480
ctccgtggag	aaacagttca	agttgatata	acanacatac	tgtttgtggc	atctgggtgct	540
ttcaatgggt	tacacagaat	catcancagg	aggaaaaatg	aaaagtatct	ttggatttgg	600
aacaccatct	aatctgggga	aaaggcagaa	gggctgcagc	ttgctgnaga	ccttgnttaa	660
tcnaaagtgg	ggaatccaat	acttacccaa	gacattgaan	aaaaagatcg	ggtntgcgtc	720
atgtggaaac	cngagatctg	attgagtttg	g			751

<210> 2724

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2724

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gtgggctaag	accagaagag	agacttatct	gcttaagtag	aaacatgtgc	ctttttattaa	120
ctgcagtcct	gcatttttatc	catggaatga	cagaccctgt	attaatgtct	ctcagtgcct	180
ctcatgtgtc	atcttttcgt	agacattttc	ctgtgctgtt	tgtctctgct	tgctgtttta	240
ttcttcctgt	cttactcagt	tatgttcttt	ggcatcacta	tgcactaaat	acatggttgt	300
ttgcagttac	agcattttgt	gtggaactgt	gcttaaaagt	nattgtttct	ctcactgnnt	360
atacgttatt	catgattgat	ggctactata	atgtcctctg	ggaaaagctt	gacgattatg	420
tctactacgt	tcgttcaaca	ggcagtatta	ttgaatttat	atgtggagtt	gtaatggttg	480
gaaatggggc	ttacactatg	atgtttgagt	cgggaagtaa	aattcgggct	tttatgatgt	540
gcctacatgc	atatttttaac	atctacttac	aagccaaaaa	tggtctggaag	acatttatga	600
atcgtaggac	tgctgtgaag	aaaattaatt	cacttcctgn	aataaaaggg	agcccgttta	660
caagaaataa	atgaaggat	gtgcaatctg	ctatcatgag	tttacaacat	ctgctcgtat	720
tacaccgtgt	aatcattatt	tccatgccc				749

<210> 2725
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2725

gagnnnnnttt	taataacagc	tacttgttct	ttttgccgat	ccctcgattc	gaattcggca	60
cgagcgtgga	gagaatactc	agaaatgaac	ctcttttaaag	ccttgccagga	atgagtcact	120
cttacttaat	gaaatgttaa	agccaattaa	aaagcatgct	gtgatgccca	gcttcccttt	180
ccacaggggtg	catgctctc	ctgctggtga	atcacatgcg	gcaagaggca	actggctcca	240
cagcctggga	tgctgccgta	ccaagaggaa	agaagcagca	aaatgccttt	acgttgttct	300
aaacccccga	cgcataaagt	gtagaggagg	gatggccaag	gggtgggtggg	tagaaagtgt	360
gttcaggctg	acactggcaa	tgagtacaga	taatttctact	ttcctcttca	ggggcaaagg	420
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atatgctacc	tcaaagtgtc	acccgataaa	cctttctaat	tgtaagtgcc	cttactaagg	540
gcacatgtct	taatcaaagt	tagttttttg	ttttctgggt	tgnttttttt	tttgnatat	600
tgatgaatga	gatcttacct	attaaatata	ttattggatt	atgggtcctg	aaggtcatta	660
aaagtttgag	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtttatgac	ttaaatatct	720
ttacgtgngg	tttttaaaac	ttgggt				746

<210> 2726
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2726

agtanggcgn	ttcctaattn	annnggctaa	gcgactttna	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannnn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgtnnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgtnnactggg	tgccatcnac	nnngtatattt	420
acgnnctttt	aactaaaaan	cttgagacct	tnanttnntn	tggtgantnc	aatncctana	480
antnncctga	gnnggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncttant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctntttttan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggan	naattgtnc	tgggnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	ncctnttatg	nggcnngcc	annaangggg	tcgnggttaa	natattccaa	780
gntaacanan	gnacnatgg	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatnct	gggacnggtt	aacnnaant	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2727
 <211> 967

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2727

agtanggccgn	ttcctaattnn	annnggctaa	gcgacttttna	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgnnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacana	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgnnactggg	tgccatcnac	nnngtatttt	420
acgnnctttt	aactaaaaan	cttggagcct	tnanttnntn	tggtgantnc	aatncctana	480
antncttga	gngggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attnctant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctntttttan	aatnaaacat	tttancgggt	ctnaggancc	gngcctneng	660
ggtanggann	naattgtnc	tgggnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	nccntntatg	nggcnngeca	annaangggg	tcgnggttaa	natattccaa	780
gntaacanan	gnacnatggg	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatncnt	gggacgngtt	aacnnaant	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2728
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 2728

gagagnnntt	tnaatnnca	gctcttggtc	tttttgcggt	ccctcgttcg	agaaaatgaa	60
gatgaacaga	atagtccgcc	aaaaaagggt	aaaagaggcc	gaccaccaa	acctcttggt	120
ggaggtacac	caaaagaaga	gccaacaatg	aaaacttcta	aaaaaggaag	caaaaaaaaa	180
tctggacctc	cagcaccaga	ggaggaggaa	gaagaagaaa	gacaaagtgg	aaatacggaa	240
cagaagtcca	aaagcaaaca	gcaccgagtg	tcaaggagag	cacagcagag	agcagaatct	300
cctgaatcta	gtgcaattga	atccacacag	tccacaccac	agaaaggacg	aggaagacca	360
tcaaaaacgc	catcaccatc	acaacaaaaa	aaaaatgtcc	cgtgtaggac	gctccaaaca	420
agcagctact	aaggaaaatg	attcaagtga	agaagtagat	gtgtttcaag	ggtagctctc	480
ctgtcgatga	tattccacag	gaagaaacag	aggaggagga	agtttctaca	gtaaagtgtac	540
ggcggcgaag	tgctaaaagg	gaacggcgat	gaacaaatgt	aattaataac	tttctctgtg	600
aaagctttgg	aaaaatcttt	tttttttttt	ggtcaagctt	gagcttgata	aagcctttga	660
tgcacaaaat	gggctgctga	aaatggacag	ttggnccttac	tttggtgccc	ctactttgtg	720
gcacatcttt	accatcac					738

<210> 2729
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2729
 gnnngnnnnn nnnnnnnngn nnnnnnnnnn nngnnngnnt ttatgnatca gctacttggt 60
 ctttttgcag gatcccatcg attcgctcca ttgtgaagat ccaggcattt ttccgagcca 120
 ggaaagccca agatgactac aggatattag tgcattgcacc ccaccctcct ctcaagtgtgg 180
 tacgcagatt tgcccatctc ttgaatcaaa gccagcaaga cttctctgct gctgtgatct 240
 gcacaccctc caacctgggc agggactggg gggatgcagt gtgtgttagt gcccatgtgg 300
 cattgtggca ctgttgcccc ccattggcggc atgggcaaga tgaccttcca ttagcttcaa 360
 gtcttgttct cttgtctgtg gtctgtttta tatgtgggtc actagggtat ttattctttc 420
 tcccatcctt acactctgga tcattgtgca gacttaatca gggtttttaac gctttcattn 480
 tnnntttttt ttttttgact caaagagagt tctcattttc cctattcaaa ctaataccca 540
 tgccgggttt tttaccttgg atttaaagtc accttangtt ggggcaacag attctcactc 600
 atgtttaana nctgggtattt cagcttcata agatcaaaga ggagtctttc ctttctctt 660
 ttaccctcag gatctcatcc cttacagctg actcttncag gcaatttcca tagaactgna 720
 gtctgtcttt ggcacaagct ntntgtg 747

<210> 2730
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2730
 ttnattaatg cttggctact cgttctttnt gcaggatccc tcgattcgaa ttcggcacga 60
 ggtcctaaag ccgctgaagc aaaaaccatg ataaaacatt ctgctttctt ttcttttaca 120
 accccacgaa cgcaaaaaaa aaaaaaaaca aaaacaaaac aaaaaaaaaga aacaacaaca 180
 aaacccaaac tatttgtagg aaaaaatggt tttgtacatg ggatgaaaca atataaatc 240
 aaaacttaca gataagggtt agctctatca ctcaactctt taaaaagttt atatgaatat 300
 ccagtcaaaa ccaacacggg attgcccttg aaatgttaac tagacggatt tccaaggaga 360
 ccacaggact gtatactgtc ttggaatgtc ctcaagaagg tctgtcattg atcaggtaac 420
 agtaaaaacc ccagtttctt ttcttagctg atgtcttttg ccagaacacc gtgggctgtt 480
 acttgctttg agttggaagc ggtttgcatt tacgcctgta aatgtattca ttcttaattt 540
 atgtaagggt ttttttgtac gcaattctcg attctttgaa gagatgacaa caaattttgg 600
 ttttctactg ttatgtgaga acattangcc ccagcaacac gtcattgtgt aaggaaaaat 660
 aaaagtgtcg ccgtaccaa aaaaaaatnn nngnccnnan nncnaannct tngnnt 716

<210> 2731
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 2731
 tgnntttttt nagtcaance ttggaaatcc ttggctctng ccgctntctg caggatccca 60

tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgtgatcat	180
nnaacctnnn	gtccaacagg	gcggnnncgt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnncncg	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttnngcnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tggcatgttc	360
atntcnnctg	gntntcnctn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nntnnnatnt	tgactcatac	cggtgctgat	tncaaggcnt	480
gagccaccac	tcttgcccaa	ngnngcgttg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctecn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnggcgt	tgancntcat	ttncctgcnt	660
tcttganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngatactanc	c					731

<210> 2732

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2732

tgnnnttttn	nagtcaancc	ttggaaatcc	ttggctctng	ccgctntctg	caggatccca	60
tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgtgatcat	180
nnaacctnnn	gtccaacagg	gcggnnncgt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnncncg	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttnngcnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tggcatgttc	360
atntcnnctg	gntntcnctn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nntnnnatnt	tgactcatac	cggtgctgat	tncaaggcnt	480
gagccaccac	tcttgcccaa	ngnngcgttg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctecn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnggcgt	tgancntcat	ttncctgcnt	660
tcttganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngatactanc	c					731

<210> 2733

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2733

ccttnccctg	aaagccncaa	gctacttgnt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagat	tcccatctgc	ttttacttcg	ggtagcaga	gggggatgtg	tgtgtgcgtg	120
tgtgtcagtc	tgttttgtgag	tgtgttaaag	gctacagacc	acagttgggt	taaaatgctt	180
ggaacttccc	aaactggctt	tactttatgt	ttatacagtg	ctcaggggta	acgcagtaca	240
tccatgccat	tgtgtgggga	ggtatccccg	gatgcatgtg	ttttgagtct	ataaatatag	300
aaaatatata	ttggtttctt	tttccaactt	aataggtcta	ttaaagcatg	aaatgaaagg	360
ttgcatatca	tgcattcagg	ntattaccta	atttttgnnc	tgacagtgca	tgncnttgga	420

agcatgctga	aacaccgatt	aacacaggag	tcgngtaaca	cngagaaaca	tttgatanat	480
gtacagcatt	ggctattgca	ttcctatagt	gtatataccn	gggtattgct	tcaaaccctg	540
cngaccncta	ttttcccntc	tncnnccct	gtgttctttg	gtcaaacnta	atnnannaca	600
tncatttgc	nttgngttnn	naaaactttan	anmtcntnga	tngtgnannt	anacnangta	660
actttttacc	taaanggtgt	ngcctgnccc	caaaattgcc	attatnggggn	ccnctatatt	720
ccnctantnt	ananttgttc	ncacattncg				750

<210> 2734

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 2734

anttgaantc	ttctaattgc	tggcnntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gcacaaggac	cctcctgcca	acctgtttga	agacatggac	ctcaacaagg	atggcgagggt	120
ccctccggag	gagttctcca	ccttcatcaa	ggctcaagt	agtgagggca	aaggacgcct	180
catgcctggg	caggacccctg	agaaaaccat	aggagacatg	ttccagaacc	aggaccgcaa	240
ccaggacggc	aagatcacag	tcgacgagct	caagctgaag	tcagatgagg	acgaggagcg	300
gggtccacgag	gagctctgag	gggcaggggag	cctggccagg	cctgagacac	agaggcccac	360
tgcgaggggg	acagtggcgg	tgggactgac	ctgctgacag	tcaccctccc	tctgctggga	420
tgagggtccag	gagccaaacta	aaacaatggc	agaggagaca	tctctggtgt	tcccaccacc	480
ctagatgaaa	atccacagca	cagacctcta	ccgtgtttct	cttccatccc	taaaccactt	540
ccttaaaatg	tttggttttg	caaagccaat	ttggggcctg	tggagcctgg	gggttgatag	600
ggccatggct	gggtccccac	catacctccc	ttcacatcac	ttgacacagc	tgagctttgt	660
tatccatctt	cccaaacttt	ctctttcttt	gtacttcttg	tcacccccac	tc	712

<210> 2735

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2735

nttaancntt	nanannngtt	ntttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
cangggactt	nctgtaacaa	tgcattctcat	atttggaatg	accagtcct	ctcccaagtc	120
cacacagggg	aggtgatagc	attgctttcg	tgtaaattat	gtaatgcaa	attttttttaa	180
tcttcgcctt	aatactttat	tattnnngtnn	tattttgaat	gatgagcctt	cgtgcccccc	240
cttnccccct	ttttgtcccc	caacttgaga	tgtatgaagg	cttttggtct	ccctgggagt	300
gggtggaggc	agccagggtc	tacctgtaca	ctgacttgag	accagttgaa	taaaagtgc	360
caccttaaaa	anaaatgcat	anaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	420
acgtagatcc	agacatgata	agatncatng	atgagtttgg	acaaaccaca	actagaatgc	480
agtgaaaaaa	atgcttttatt	tgtgaaat	gtgatgctat	tgctttat	gtaaccatta	540
taagctgcaa	taaacaagtt	aacaacanca	attgcattca	ttttatgttt	cagggttcagg	600
gggaggtgtg	ggaggttttt	taattcgngg	ccgnggcgcc	aatgcatngn	gcccggtagc	660
cagcttttgg	tccctttant	gaggggtta	ngcgcgcttg	gcgtaatcat		710

<210> 2736

<211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 2736

tctaataccng	nnttttnantt	nenaatcgcn	aggctacttg	ttcttttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	aaagaactgt	ctcacgcaac	cattgattct	aaaactggcg	120
atttagggga	catcaatgct	gagcagcttc	ctggggaggga	acatcttaat	gaacctggta	180
ctagagaagg	acagactcgt	ctaatacagag	atggggagaa	agtcgaagcc	tatcagtggga	240
gtgttagtga	agggaggtgg	ataaaaattg	gtgatgttgt	tggtctcatct	ggtgctaatac	300
agcaaacatc	tggaaaagtt	ttatatgaag	ggaaagaatt	tgattatgtt	ttctcaattg	360
atgtcaatga	aggtggacca	tcatataaat	tgccatataa	taccagtgat	gacccttggt	420
taactgcata	caacttctta	cagaagaatg	atttgaatcc	tatgtttctg	gatcaagtag	480
ctaaatttat	tattgataac	acaaaagggtc	aaatgttggg	acttggggaat	cccacttttc	540
agatccattt	acaggtgggtg	gtcgggtatgt	tccgggctct	tcgggatctt	ctaacacact	600
acccacagca	gatcctttta	caggtgctgg	tcgttatgta	ccaggttctg	caagtatggg	660
aactccatgg	cgggagttga	tccattacag	ggaatagtgc	ctaccgatca	ctgn	714

<210> 2737
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 2737

aatntttgct	ctcgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	gaggctatatct	60
gaacacagtg	gaaagatggg	accctcaggc	tcgccagtg	aattttgttg	ccactatgtc	120
tacccttagg	agtacagtan	gtgtggcagt	actaagtggga	aaactttatg	canttggtgg	180
tcgtgatgga	agttcttgtc	tcaaatacagt	anaatgtttt	gacccata	ctaataagt	240
gacactgtgt	gcacagatgt	caaaaaggan	aggtggcgta	ggagtgcga	cctgnaatgg	300
actgctgtat	gctatagggg	ggcacgatgc	tcccgcattc	aacttgactt	ccagactctc	360
agactgtgtg	gaaagatatg	atcccaaaaac	agacatgtgg	actgcagtag	catccatgag	420
catcagcaga	natgcagtgg	gggtctgttt	acttgggtgat	aagttatatg	ctgntggggg	480
gtatgatgga	caggcatacc	ttaataactgt	ggaggcttat	gatccccaga	caaataagtg	540
gacccaggta	ttttcacata	cttttgagga	cagcaaagat	cacctgggtg	ccatcaagca	600
naccatctgg	aggcaaaaact	ccttatctga	ggaattcaga	agtcattaga	ctgcctatt	660
atctaaagcc	cggcatcttg	tactaggctt	ctttaccaaa	aatgtat		707

<210> 2738
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 2738

ctttaaatct	caagctcttg	ttctttttgc	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatat	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaaccc	tggtcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aaatgcagt	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcttg	360
ttaaataaa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttccacagc	aagtcacagc	ttaagtccta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgcccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgctcatgtc	600
catgggcctt	tggtccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacccttcc	acaata		706

<210> 2739

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2739

tnaatnnttg	ctctngttct	ttttgcagga	tccctcgatt	cggtgggtggc	acatacctgt	60
aatcccagct	actcgggagg	ctgaaacagg	agaattgctt	gaacctggga	ggtagctgtt	120
gcagtgagaa	agattgggtac	cattgcactg	cggctctggc	cacagagcga	gacttccatc	180
tcaaaaaata	aataaaatag	ggatggggtc	tcactgtgtt	gaccaggctg	gtcttgaact	240
aatgtccnca	nntagggctn	ccatatcanc	ttnnannggc	tatncattac	aggntcntgt	300
ccacatgcna	ngncnctatt	acnaactgca	tcatnntttg	caccccatat	ntatganccg	360
nattttaatt	ttncanfaat	ntctnataac	attgnngatc	tgntatanann	ctatnttgct	420
gctnacaaat	ctgaatcatc	ntttccanan	catnttggac	acacatcact	taattnaaca	480
atttaatgca	nctatttngc	tatnctcctn	atttgtnct	tctnccaca	ntatgttctt	540
atgaanncat	ctatttttnc	attnngaana	aaancacnta	ttgnntgnnt	atgtannngt	600
atatacntnn	tcaataaccgn	ctacttttna	nctaaacctt	tccnttgnat	anttantntn	660
atgttnncac	acttacgggt	cnntccatta	attntcctac	atgnnaantt	ttacntatnt	720
cattagtana	ctttatnnta	attaattntt	cc			752

<210> 2740

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2740

tcaatncngg	ctctngttct	ntttgcagga	tccctcgatt	cgaattcggc	acgaggctgg	60
acttggaat	ggtggtcttg	ggagacttgc	tgctgtcttc	ttggattcca	tggcaaccct	120
gggacttgca	gcctatggat	acggcattcg	gtatgaatat	gggattttca	atcagaagat	180
ccgagatgga	tggcaggtag	aagaagcaga	tgattggctc	agatatggaa	acccttggga	240
gaagtcccg	ccagaattca	tgctgcctgt	gcatttctat	ggaaaagtag	aacacaccaa	300
caccgggacc	aagtggattg	acactcaagt	attcagagtg	ctcgtatagc	cagcgttttg	360

tatagtattt	agtacagtag	ataatacatt	gactatgtag	catatagtgg	tgatattgag	420
tatagggcat	gtcgtgtttt	gaataataga	atatattttt	gtaaataaat	ctgttaacttc	480
tcttagcgca	gcccagtcac	tttggagaca	aaggagctga	ggccaagaga	ggagtgaactt	540
ttataagggt	cattttgcaa	ccagctttgt	cagaaaattg	tcagttcttt	tttttttttt	600
tttttgccag	aaaattgtca	gttctatagt	aaccagcatg	cttacctctt	tggttttata	660
ttaagggtgtt	gatagcaaaa	ttgaatattt	gaaaatgtca	tttc		704

<210> 2741

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2741

tncnaanggn	tngnantcnc	ctctnngnag	gancccntcg	attcgaattc	ggcacgaggt	60
caagcctgta	atcccaacac	tttgggttnna	ccgaggtggg	ggtatctgat	tgagcctnng	120
aggtcgagat	cagcctggga	aacacaggga	ggccccatc	gctacaaaat	attttaaaaa	180
ttagccaggt	gtggtggctt	gtgcttgttg	ncccggtac	ttgggaggct	gaagtgggag	240
ggtggcttga	gtncaggagt	tcactgcact	gagctgtgat	cacaccactg	cactccagcc	300
tggaagacag	agtgagacgt	ccatctcaaa	aaaaaaaaata	aaaaactcga	gcctttanaa	360
ctatagttag	tcgtattacg	tagatccaga	cntgataang	atacattgat	gagtttggac	420
aaaccacaac	tagaatgcag	tngaaaaaaa	tgctttattt	gtgaaatttg	tgatgctntt	480
gctttatttg	tanccattat	nagctgcnat	aancaagttt	aacaacnaac	aattgcatnc	540
attttatgtt	tcangttcaa	gngggaggtt	ctgggnaagn	tttttttnatt	tnnccggcng	600
ctggcgccat	tggcattggn	ccccggtnc	ccaaactttt	ngtccccctt	ttatctggan	660
ggggtttaat	ttgnctccct	ttnggccgat	tatcatgggn	caatagcatg	ntcttnccctg	720
ngggnnghaa	attngtttat	tccttncaaa	cnn			753

<210> 2742

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2742

tcaatacnag	ctntngntct	ntttgcagga	tcccatcgat	tcgaattcgg	cacgagcaag	60
aagagttttc	tgttcagttt	ggaacaagat	tttgagaaga	catttaggat	gtactagttt	120
gagtttttaa	atgtatattt	gagatatattt	ctcaactttc	tctttgggtc	tgtagctaaa	180
atatgcagta	taatgtttta	tttattttatt	ttttaagaga	tggggtctag	ctattttgcc	240
caggcagact	caaattcctg	ggctcaagtg	atcctctgcc	ttggcctcct	gagtagctgg	300
gacttacaga	catgtgccac	caaacctagt	ggctatataa	tttttaaaaa	tattcttagg	360
atatctttac	atacttttct	taaaaaaaaa	aagttaacct	ttgtagttct	gtacctttca	420
gtagtctgca	aattttctac	caaaaaaaaa	cccaagaatt	tatttgggaa	ttattaaaaa	480
ggcaaacaat	gaatgttatt	aggacaagaa	tatagcagtc	aggaggccat	gactacatca	540
cagccaggcg	gcattccctg	ccacagtggc	ggcttgaatc	atcaagaaat	ggataaatgg	600
ggcttttagta	aatcaggctt	gcaggctcaa	agctgcaatc	tgcccactct	caggtctgag	660
actttgtggg	cctcagacac	caggaagaaa	gttgggatac	an		702

<210> 2743
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2743
 cagctcttgt tctttttgca ggatcccatc gattcggtga gacggagttt caccatgttg 60
 gccaggatgg tcttcaactt ctaacttcgt gatccacgct gctgggatta caggtgtgag 120
 ccaccgcgtg tggcctctgg gcaccttttg aagctgaagc agagagagaa ggcggcaggc 180
 atcagcggtt tcttctatga acttataaga tcaaagactt taagactttc actatttctt 240
 ctaccgctat ctactacgaa cttcaaagag gaaccaggag tacggaagga gcatgaaagt 300
 ggacaaggaa cgtgaccatt gaagcaccac agggaggggt tcaggcctcc ggatgactgc 360
 aggcaggcct gggtaacatc cagcctccca caagaagctg gtggagcaga gcgttccctg 420
 actcctccaa ggaaaggaga ctccctttcc cggctctgctc agtaacgggt gccttcccag 480
 aactggcgt taccgcttga ccaaggggcc ctcaagcggc ccttatgcgg gcatgacaga 540
 aggtccctct cttgccttct attcacttct cacaatgtcc cttcagcacc tgaccctata 600
 cctgcgggtt attcctaggt tatattatta atgcaacaga gtaatattaa aagctaataa 660
 ttaataatgt ttataataat gatggataat tggatcatgat catcgctgg 709

<210> 2744
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2744
 cagctcttgt tctttttgca ggatcccatc gattcggtga gacggagttt caccatgttg 60
 gccaggatgg tcttcaactt ctaacttcgt gatccacgct gctgggatta caggtgtgag 120
 ccaccgcgtg tggcctctgg gcaccttttg aagctgaagc agagagagaa ggcggcaggc 180
 atcagcggtt tcttctatga acttataaga tcaaagactt taagactttc actatttctt 240
 ctaccgctat ctactacgaa cttcaaagag gaaccaggag tacggaagga gcatgaaagt 300
 ggacaaggaa cgtgaccatt gaagcaccac agggaggggt tcaggcctcc ggatgactgc 360
 aggcaggcct gggtaacatc cagcctccca caagaagctg gtggagcaga gcgttccctg 420
 actcctccaa ggaaaggaga ctccctttcc cggctctgctc agtaacgggt gccttcccag 480
 aactggcgt taccgcttga ccaaggggcc ctcaagcggc ccttatgcgg gcatgacaga 540
 aggtccctct cttgccttct attcacttct cacaatgtcc cttcagcacc tgaccctata 600
 cctgcgggtt attcctaggt tatattatta atgcaacaga gtaatattaa aagctaataa 660
 ttaataatgt ttataataat gatggataat tggatcatgat catcgctgg 709

<210> 2745
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (727)
 <223> n = A,T,C or G

<400> 2745
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 cagagatgat agcacttcat tgactgccaa agaggatgtc agcataccca gatccacatt 120
 aggagacttg gacacagttg cagggtctga aaaagaactg agtaatgcc aagaggaaact 180
 tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat 240
 gatagctgtg caggaagaag agctgcaggt gcaggctgct gatatggagt ctctgaccag 300
 gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 360
 agacatacca gctatggaac gcctgacca ggaagtctta cttcttcggg aaaaagttgc 420

ttcagtagaa	tcccagggtc	aagaaatttc	aggaaaccga	agacaacagt	tgctgctgat	480
gctagaagga	ctagtagatg	aacggagtcg	gctcaatgag	gccttacaag	cagagagaca	540
gctctatagc	agtctggtga	agttccatgc	ccatccagag	agctctgaga	gagaccgaac	600
tctgcagggtg	gaactggaag	gggctcaagt	gttacgcagt	cggctagaag	aagttcttgg	660
aagaacttgg	agcgcttaaa	caggctggag	accctggccg	ccattggaag	tnggggaact	720
ggaaagt						727

<210> 2746

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 2746

tnnnncttca	aatcgcnagg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggt	gctgtcactt	ggattttctag	ctttgggagc	ctgttccacc	tactcagctc	120
tgcattagagc	agtatgggca	catgccctgt	ggacagttaac	tggaagttaa	tgaactcaga	180
ggagaaaagc	agtgaaccac	ttgttctgtg	tgatttatgg	tacttcattg	ctcttccttc	240
acctctagtc	actttctatt	gctacctgcc	ctacattggc	tcttgccaag	gtccctctct	300
ctccctggtt	tccttttttt	ttttttttga	gacggaggac	ggagtcttgc	tctgtcgccc	360
agggttgagt	gcagtggcgc	gatctcggct	cactgcaacc	tccacctccc	gggttcaagc	420
gattctcctg	cctcagcctc	ccgagtagct	gggactacag	gcgcgcgcgc	ccacgcccgc	480
ctaattttta	tatttttagt	agagacgggg	tttcaccatg	ctggccaggc	tgggtctcgaa	540
ccccgacctc	gtgatccgcc	tccttagcct	cccaatcctc	tcttaaaaaa	gtgatagctc	600
agaaatattt	gtaaaagcaa	ggtttttatt	tcattttggc	tctgcatttt	cagaggcaaa	660
gaagtttggc	ctgtaaaata	gagtgtctaga	gctcttacc	cctccc		706

<210> 2747

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 2747

ggnnnnnnggg	ganttttagat	cagctcttgt	tcttttttgca	ggatcccatc	gattggaatt	60
cggcacgagg	tgtgtgtgtg	tgtgtgtgta	gaggagagaa	agagaccatt	atcatatgag	120
tgtgttgggg	ctgctgagag	ggtttcgttt	acaagtgacc	ttgagtgtat	ttcatctctg	180
gaatgcatgg	tccctgcgct	caagctacac	aatctgatta	gtgaagtatt	actaatacac	240
tagaaaaata	tacatagtaa	ttaccaaagt	actgacacaa	ttttataggg	ggttcanaga	300
aacatctgtg	aatgggtaat	aatgaaaaaa	gaaaagnttt	tctctttggt	ntagtctgac	360
ccttttaaca	gtctctattc	ataatgtgag	gaaatcgcta	caaaaactga	aatattgtan	420
atactgttca	ttngcatatg	gaaatacttg	tatgctgtgt	gttggtcttt	catgggacaa	480
actctacccc	tnctctntnc	acacacatat	anccaagcta	taagttagcc	tanccttcgc	540
cataggaagt	tgctggcttt	tttantgaga	agtcaaagaa	cctggcttgn	taaaagtctt	600
tataagaaan	naananttnc	tttnnnntta	nnntnnncnn	atgntnnntn	annnnnnntt	660
nnnnntnacn	nnnanannnn	annanttnnc	naancatatt	antgtnanan	annnnaatat	720
nnnanantnn	tttnnancn	ngntntntnn	nnnaannnnn	annnttnann	nnantnttan	780
nnaattnnncn	nnntntntnn	gnnnncng				807

<210> 2748
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2748
 tnnnnntttt tnaaccagnn ttcnaatcct tggcggnnagg ctacttggtc tttttgcagg 60
 atcccatcga ttcgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt 120
 tgagggtgga gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac 180
 cccactggt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct 240
 ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttggtt 300
 gctaaatgaa ctaaaaatta tgagatttgc acctaaaggt actgaggtaa aggagagcca 360
 aaagtggggg agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag 420
 cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg 480
 gatcaatgat gaaactagcc aaatctgagc atcagaaggc tttccggtct acctgatgca 540
 tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg 600
 tctggtgtgt gtgtgggggg tgtgtgtgtg nnnnnncnnnn nnnnnnnnnn nnnngnnncnn 660
 nnnnnngnnnn nnnnnntnnn nnnnnngnnn nnnnnnnnnn nnnnnnnnnn nnnnnnc 716

<210> 2749
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 2749
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 tcccatcgat tcgaattcgg cacgagnaag aaaggctgcc tttgagttga ccaaccatgt 120
 tgagggtgga gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac 180
 cccactggt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct 240
 ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttggtt 300
 gctaaatgaa ctaaaaatta tgagatttgc acctaaaggt actgaggtaa aggagagcca 360
 aaagtggggg agtcaatcta cttattcaga atgagtcgat aatttaaaca tgtctaatag 420
 cagagacagt atattataga aatggcatta cattctctga gatctgcttt tactgaagtg 480
 gatcaatgat gaaactagcc aaatctgagc atcanaaggc tttccggtct acctgatgca 540
 tgatctctac agttctgaga agcagaacta taaaacaatg taaaacaata agggcatatg 600
 tctggtgtgt gtgtgggggg tgtgtgtgtg tntnntnann cncgtnnntn nnancnnann 660
 nttncnannt ntgattncnn ttnntctnan nnnnttnnnn tnnttcttna atnnncac 718

<210> 2750
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)

<223> n = A,T,C or G

<400> 2750

tnnncttttt	aaacctgcnt	tenaattncn	agacnctngg	ctctngntct	ntntgcagga	60
tcccatcgat	tcgaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaacatgt	120
tgagggtgta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactgtt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaagggt	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntnntnann	cncgtnnntn	nnancnnann	660
nttncnannt	ntgattncnn	ttnttctnan	nnnnttnnnn	tnnttcttna	atnnncac	718

<210> 2751

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2751

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caggatccca	tcgattcgaa	ttcggcacga	gagnaataac	taccagacaa	catttggttaa	120
aactcaggac	agtatgtatt	ttaaaggagc	aagtgcattg	gtgaaaatgg	ctcattcagt	180
ttataaaata	ttacattaaa	tttgagggtt	ctgttttttt	tcttttgtga	cagtcttgct	240
ctgttcccca	tgctgtagt	cagtggcacc	agttcacctc	actgtaactt	ccacatcctg	300
gtttcaagca	atttgtgcct	cagcctccca	agtagctggg	attacagtca	tgccaccatg	360
tccagataat	ttttatattt	ttttgtagag	atgggtgttt	accatgtttg	ccaggctgat	420
ctcaagctcc	tggcctcaag	tgatttgcca	ccttggcctc	acacgttgct	gagattacag	480
gcatgagcca	ccacacctgg	ccaatggggc	gtttcttaaa	atagctacta	gactatgacg	540
tttatccctaa	ggtttgaagt	ctatcatctt	ccttacatat	ccttcattgt	ggatatctggg	600
aatgaatcaa	caagatgaga	gagccttctt	cattcagtg	ggctccttca	tttccatgct	660
tcctgaagat	taaggncact	gaatttaaaa	ttcaatattc	tgtgagttac	acaccatgga	720
gtaacn						726

<210> 2752

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2752

cntnncttttg	aanttgnaaa	tngtctnggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcac	tctgtcaccc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatccgcg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccgcac	cagtttctgc	ttttattaaa	attgttcaca	240

gttttataca	ttcatgttca	ttaaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctggtt	cagtcacaaa	ttaggggttat	360
tgtgatgtgt	atztatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttgcccttc	540
aagccaacat	tcatttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggtta	600
actgctaattg	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaataca	660
acttggctac	gtataattgt	gggtttttaa	ttttctggtt	ttaaaanaaa		710

<210> 2753

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2753

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cgagagatta	tgagcatgta	gaagatgaaa	cttttcctcc	tttcccacct	ccagcctctc	120
cagagagaca	agatggtgaa	ggaactgagc	ctgatgaaga	gtcaggaaat	ggagcacctg	180
ttcctgtacc	tccaaagaga	acagttaaaa	gaaatatacc	caagctggat	gctcagagat	240
taatttcaga	gagaggactt	ccagccttaa	ggcatgtatt	tgataaggca	aaattcaaag	300
gtaaagggtca	tgaggctgaa	gacttgaaga	tgctaatacag	acacatggag	cactgggcac	360
ataggctatt	ccctaaactg	cagtttgagg	attttattga	cagagttgaa	tacctgggaa	420
gtaaaaagga	agttcacagc	tgttttaaac	gaattcgact	tgatctccct	attttacatg	480
aagattttgt	tagcaataat	gatgaagttg	cggagaataa	tgaacatgat	gtcacttcta	540
ctgaattaga	tcccttttctg	acaaacttat	ctgaaagtga	gatgtttgct	tctgagttaa	600
gtagaagcct	aacagaagag	caacaacaaa	gaaattgaga	gaaataaaca	ctggccttgg	660
aaagaaggca	ggcaaagctg	ctgagtaata	gtcagaccct	aggaaatgat		710

<210> 2754

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2754

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atcgattcga	attcggcacg	agcttacttt	gatcctcgtg	aggcataccc	agatggaagt	120
agcaaagaaa	agagaagagc	agcaattgcc	caggccttag	ctggcgaagt	cagtgtggtg	180
cctccatctc	gtctcatggc	attgctggga	caggcactga	agtggcagca	gcatcaggga	240
ttgcttcttc	ctggatatgac	catagatttg	tttcgaggca	aggcagctgt	caaagatgtg	300
gaagaagaaa	agtttctctac	acaactgagc	aggcatatta	agtttgggtca	gaaatcacat	360
gtggagtgtg	ctcgattttc	tccagatggg	cagtatttgg	tcaactgggtc	tggtgatgga	420
ttcattgaag	tatggaactt	tactactgga	aaaatcagaa	aggatcttaa	gtaccaggcc	480
caagataact	ttatgatgat	ggatgatgct	gtcctctgca	tgtgtttcag	canagataca	540
gaaatgttag	caactggggc	ccaagatgga	aaaatcaagg	tgtggaagat	tcagagtggga	600
caatgtttta	ngagatttga	ganggcacac	agtaagggtg	tcacctgtct	aaacttttct	660
aaggatagca	gtcagatcct	taatgcttct	tttgaccaga	caattagaat	tcattgggtta	720

aaatctg

727

<210> 2755

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2755

cttcaa	atcg	ctnggctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcagc	60
agggcagacc	atccacatca	gtttcagaga	aaaacaataa	tcttgtttgt	gccgtgatga		120
agaggactga	cagctaacag	cagaaacaat	agtcaggagg	ttgagaacag	gctgggtaac		180
atgggtgaaat	gccatctcta	ttaaaaatac	aaaaattagc	taggtatggg	cgcagacacc		240
tgtaatccca	gctccttggg	aggctgaggt	gggagaatcg	cttgaaccca	ggaggtggaa		300
gttgcaagtga	accgatagtg	ccattgcact	ccagcctggg	caacaagagt	gaaactttct		360
ctcaaaaaaa	aaaaaaaaag	atgtcaagcc	ccttctcttc	ctttctccac	catcatgggtg		420
tgtacttgac	tctgcttctc	accagatctt	ctcataagac	tatcaggatt	aagcaattcc		480
tggccaagaa	aaaaagcaaa	attgttccat	tccccagtg	attcagatga	aaactggtaa		540
taaaatcagg	tacaacttta	aaaggagaca	ttggagaaga	accaatccgt	gtctataagg		600
aattgtcatg	agatggcaca	catttttatg	ctgtctgagc	attcaatcac	gttaccatat		660
caagcagaaa	atgtcaccat	tatctggaga	gttgacatg	ttttattg			708

<210> 2756

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2756

ttnnnnnttt	aancnttcaa	atcnctaggc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagccca	cactcggaca	ctgtggaatt	ctaccagcgc	ctgtcgaccg	120
agacactctt	cttcactctt	tactatcttg	agggcactaa	ggcacagtat	ctggcagcca	180
aggccctaaa	gaagcagtca	tggcgattcc	acaccaagta	catgatgtgg	ttccagaggc	240
acgaggagcc	caagaccatc	actgacgagt	ttgagcaggg	cacctacatc	tactttgact	300
acgagaagtg	gggccagcgg	aagaaggaag	gcttcacctt	tgagtaccgc	tacctggagg	360
accgggacct	ccagtgcac	cggccccctnc	ctctaccac	cccctcccc	cgcattgctga	420
tccccctgcc	caggtaagg	ccctgccctg	gaagactgga	gggaggcccc	aagccacggg	480
gcatccccct	ctcccaggaa	gcagggagg	ggccgggagg	ttttcctctc	aagccccacc	540
ctggggggccc	gggggagagg	gctgccccct	cctccccctc	ccagtgaggg	acattttttg	600
gtaaaacctta	ttttcatttt	ggaaaatatt	tatgaataaa	tagttttata	tgaaaaaaat	660
tntngnnntt	nnnatnnnan	aataaaancn	tcgnncctct	taaaactata	gtgaagtcgt	720
attaccttag						730

<210> 2757

<211> 710

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2757

tntatntaca gctacttggt	ctttttgcag gatcccatcg	attcgaattc ggcacgagac	60
caagagaacg cggtcagaag	gaggtggaac tggggagtcc	tctcagggag ggacaagcaa	120
aagactcaaa gtagatggac	agaaaaactg ctgtgaggag	gggaaagagg agcagcaggg	180
atgtgcaggg gacggtgggg	aagacagggg agaagagatg	gttatagagg ttggagagat	240
ggtgcaggac tgggccatgc	agagccctgg gcagccaggg	gacctgcccc tgaccactgg	300
aaagcatgga gcccttggag	aagaggggca gccagccac	gcagccctgg cagagcgggg	360
gcccagggga catgaggcag	ccaagaatg gtctcagggg	gaggcagggg agggggcatc	420
cctgccctcc tcagcgagct	ggcgctgtgc cttgtggcac	cgagtgtggc aagggcggcg	480
gcgagcccgt agacgcttgc	agcagcaaac caaggaggga	gctggagggt gcgctggcac	540
aagagcangg tggctggcga	ctgaagctca ggtcacccan	gagctgaaag gactgaatgg	600
tggccaaaga aaggcccaga	aactgagccc ctgctgaact	tttgtggccg tcttgtcttc	660
ccggctgacc cgaatgctta	ctgtgacccc gcttcangat	ccccaaaggnc	710

<210> 2758
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2758

tnnnnnttca aatngnnagc	tcttgttctt tttgcaggat	cccatcgatt cgaattcggc	60
acgagccaga gctggcagaa	gaaaacagta aagcttagag	tagaaataaa tgaaataaag	120
aacagaaaaa tatagaaaat	caaaaatacc aaaagttggc	tctttgaaaa gatcaacaaa	180
attgccaaac cttttaagta	gacaagaaag aatgaattgt	tggtgggtgca gtgggtgagca	240
tagctgcttt tcaagaacaa	aaaagactca aatgactaaa	atcaagaatg atcaagaatg	300
agagagtaga cattactaca	gatcttacag aaatgaaagg	attattaatg agtactgtga	360
acagttgcat gccaacaaat	agtctaagtg aactagacaa	atatctagaa agacacaaaa	420
caaccaaacc cgaatcaaga	aaaaaatata aaatctgaat	acacgtataa caagtaaaga	480
gattaaattg gtaccacaaa	gaaaaactgt caccaaggta	aagtccagac ccagatggct	540
tttttggtga attccacaa	atgtttaagg gagaattaac	accaaatact aaactaaacc	600
agacagagac attgcaagaa	aaccacagac caatatccct	tatgaatata gatataaaat	660
cctcaacaaa gtactagcaa	atcaagtcga tgaacatata	caattctatt ttactt	716

<210> 2759
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2759

gtnnnncttc aaatcgcttg	gctactcgnt ctntntgcag	gatcccatcg attcgaattc	60
ggcacgaggg gtgcagtggc	tcactcctat aatcccagca	ttttggaagt cctatgcagg	120

aggattgcc	gaggccagga	at ttgagatc	agcctgggca	acatagtga	actctcatct	180	
ttataaaaag	taatatataa	at ttttaaaa	gtgtataaac	tgtaaagtat	at ttttactgg	240	
tg ttttcttc	cttattccta	cttgtcagat	gcaaatacac	at tttttgtgt	gtttgtgttt	300	
agtaattata	agtatacata	tttcttctat	ttcatatatt	tctatgacat	tatatcttag	360	
atgtgtaatt	tatgaactac	tactggatta	ttttaatcca	ttagaaatta	ctattcacgc	420	
attctgtatt	caattcatgt	gatagcta	atatttggtt	ttaa	aatgcat	cttattttgt	480
gg ttttcttc	taggctgttt	tttgtgcttt	cttttaaaaa	tata	taggtt	ttataaatct	540
taattttctt	ttagtttgaa	atgtatat	tcattttatt	cattagtcta	agataaagaa	600	
ttgtaacact	tctctaacct	attatanaat	tgntaatacc	tttacccttc	tcttgaacac	660	
atcaaaaagga	tgtcattgag	tg ttggtatt	ggagtatagc	atatctatta	ttcng	715	

<210> 2760

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 2760

ctttaaatct	caagctcttg	ttctttttgc	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcat	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaaccc	tg ttcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aaatgcagtg	240
actgtgggaa	agccttccctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgccttg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttccacagc	aagtcacagc	ttaagtecta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcggga	atgctgagtt	tg tcatgtcc	600
catgggcctt	tggctccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacccttcc	acaata		706

<210> 2761

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 2761

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ggatcccatc	gattcgaatt	cggcacgaga	tggtgttttc	acctggaagc	tgagaagaaa	120	
ggggctttta	tggaacaaat	agcacatcaa	gctgttgtaa	tg cagtttat	tatggaaatg	180	
gccaaaaact	gtaatgtgga	tccaagaggg	tg ttttctgt	tattttttcca	gaaagccaaa	240	
gcagaggaag	aaggttat	tgaagcattc	aaaaatgaac	ttgaagcttt	caagtc	caaga	300
gtaagacttt	attctcaatc	acaaagt	ttt	caacctatga	cagttcagaa	tcatgttccc	360
cattctgggtg	ttggatctat	aggttttatta	gaatccttac	cacagaatcc	agattatctt	420	
cagtattcta	tcagtacagc	tctctgcagc	ttaaactcgg	tggtacataa	agaagatgat	480	
gaacccaaaa	tgatggacac	tgtataat	tt	ggttaagact	gctgaggcca	agtgctat	540
tg ttacaaga	aaggaagaac	ttggctat	tt	cttgacact	tttatgggtg	ctgcacttta	600

tttttgtttg	gtttttgatg	ggagggaaaag	agtactgaaa	tgttttgtaa	atttttttta	660
atgtgctgct	agggttttttg	ttttgttttg	tctgaagaga	agagtgggtcc	atatgttgca	720
ggaagt						726

<210> 2762

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2762

cntncttttg	aanttgnaaa	tngetnggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcac	tctgtcaccc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatcccg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccagc	cagtttctgc	ttttattaaa	attgttcaca	240
gttttataca	ttcatgttca	ttaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctggtt	cagtcacaaa	ttagggttat	360
tgtgatgtgt	atztatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagtgtgtg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttggccctc	540
aagccaacat	tcattttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggta	600
actgctaattg	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaaaaca	660
acttggctac	gtataattgt	ggggttttta	ttttctggtt	ttaaaanaaa		710

<210> 2763

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2763

gnaaatnngc	tcnnntgeng	ctncttgntc	tttttgcagg	atcccatcga	ttcgttttga	60
cattgtttaca	agtaagcagc	tttattgggt	cttttaactta	cgtcttttaa	tatatggagc	120
aacagtacgg	tcagtctgca	tctcatgcta	actttttgtt	gggaatcata	accattccta	180
cggttgcaac	tggaatgttt	ttaggaggat	ttatcattaa	aaaattcaaa	ttgtcttttag	240
ttggaattgc	caaattttca	tttcttactt	cgatgatatac	cttcttggtt	caacttctat	300
atttccctct	aatctgcgaa	agcaaatcag	ttgccggcct	aaccttgacc	tatgatggaa	360
ataattcagt	ggcatctcat	gtagatgtac	cactttctta	ttgcaactca	nagtgcgaatt	420
gtgatgaaag	tcagtgggaa	ccagtctgtg	ggaacaatgg	aataacttac	ctgtcacctt	480
gtctagcagg	atgcaaatcc	tcaagtggta	ttaaaaagca	tacagtgtct	tataactgaa	540
gttggtgngna	agtnactggg	nctncaganc	ngaaaattac	tcancgcact	tgggggtgaat	600
gcccaagaga	taatacttgt	ccaanggaaa	tttttcatct	atgttggcag	ttcaggncctt	660
aaaactcttn	ggctctctgg	acaaggagg	nccacattaa	tttggtnact	gtgaanatgg	720
ttcnnctga	attggnagg					740

<210> 2764

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 2764

anngttnatg	aagcnccttg	naannnccnn	cnangagncc	tcgatncgca	atgaactact	60
ctgcagcctc	atTTTTTaaa	aaatgagata	ggtnagtgtg	gatataaata	actgtccaac	120
atatatagct	gagtaacana	aatagcnaac	tagaaaacna	tgtattatnc	catntgtgct	180
gaaatatgna	tgntgggtatg	tgnaaatatg	tatggntgta	tagacagatc	tttncataaa	240
TTTTTtcatt	nntaatnnnn	gtgggtacat	actangtata	tatntttgng	gggtcctgag	300
gtattttgat	acaggcatgc	aatgtgaaat	aatcacatnn	ncntnnntgg	ggatccatc	360
ccncaagca	nttgatctnn	tgtgtgcaaa	cattccaann	gnatnccttt	agttntccat	420
aaatgngcaa	tnaanntngn	ctatngtcnc	tntggagann	natcngnant	natctcaatc	480
nncccatntg	tnacttganc	cattgaccat	tcccaccaat	cctgaatgcc	tcantaccct	540
tctcaccnat	ggnnctcttg	cttatangct	ntntgtcnat	gagttcaatc	gtagtgantt	600
taganncngg	acttccatgc	gaacatgntn	aaggccggcc	tntntggcct	ggnccttactt	660
aaatnaacca	taatattgcc	natgacagga	acggatactn	tgctaacggc	cnnatagttc	720
cncatttggg	accc					734

<210> 2765

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2765

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gcacgagtag	ggctcttagta	ctggtttggg	cataattata	ctcagtgttt	gggcctctgc	120
taaaattcta	agacgataag	aatatcagtt	taagttctgt	tacagtgtgt	ttcatgaagc	180
ttgtaagatt	gatattttaag	tggaacaaag	gggaagtagt	cagttttcag	ggctccaggg	240
gtcatcactt	tgtgctcaga	gtacagctgt	caactagtga	tttgggtgcat	ttagacaagg	300
aacaggagca	aagggcctat	ttcaagaggg	tcatagacac	tgcttctgtga	taagtgaatg	360
gctagagggg	ttcttggttaa	actgaagtcc	TTTTTcacatt	tttagctttt	tctgtggcaa	420
cctgtctttt	acagaagcta	ctcatgaact	ctggcttttc	attttcaggg	ttgggctgga	480
cattctttga	tttntngntt	tgnttngntt	tctgagacag	agtctctctc	catcaccag	540
ctggagtgca	ctggcgtgat	ctcgctcact	gcaatctctg	tctctcgggt	cnggtgatct	600
cctgcctcag	nctnccgagt	agntgggact	gcagtttcat	gctacacgcc	caggtaaatt	660
tttgngattt	tgatagaana	cagggttttg	ncatgttggc	cgggctgnct	cnaactcctg	720
acctnaat						728

<210> 2766

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2766

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tctttattaa	tttgacttct	ctagggacct	catttaaagt	aatcataca	gaatttgaac	120
ttttgtatct	ggataaaaaa	tatatacagc	attttgctga	ctgtaaaatg	tatttttttg	180
ggccgggtac	ggtgggtcat	gcctgtaatc	ccagcacttt	ggtaggctga	ggcagggtga	240
tcacctgagg	tcgggagttt	gagaccagcc	tgaccaacat	ggagaaaccc	cgtctctact	300
aaaaataaaa	aattagccag	gcgtggtggc	acatgcctgt	aatcccagat	actcaggagg	360
ctgaggcagg	agaatcgctt	gaacctggga	ggcggagggt	gcggtgagcc	gagatcgccg	420
cattgcactc	caagccttca	attcctatct	gtgagtaggt	cctcaaggct	tcctctgctc	480
ccagtccgac	aacccatcgg	ctgggacagt	actgattctc	cagctnctct	gcagacatct	540
tcttncaagg	aaccttgctt	gggaaaccca	caccaggcct	ntagaactat	agtgagtcgt	600
attacgtaga	tccagacatg	ataagatata	ttgatgagtt	tggacaaacc	acactagaat	660
gcagtgaaaa	aaancttatt	gngaaattgn	gaagctatgc	tttatttgaa	cc	712

<210> 2767

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2767

ggnnntttgcn	aatnctaggc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagcagc	tactcgggag	gctgagggca	caagaattgc	ttgaacccgg	gaggcagagg	120
ttgcagttag	cagagattgt	gccaccgcac	tccagcctga	atgacagagc	gagactccac	180
ctaaaaaaag	taaaagaaaa	aaaagaggaa	gaattagcac	atttctatta	cagaattgga	240
cttgaacatg	caaaatcatg	tctggatttc	tcagtgaaaa	gctgttttac	gttagtgagg	300
tcttctaaca	ttttgaaatg	gtgatctgga	tttgggatct	ggctatcact	gacccacctt	360
gggtctgtga	atgaccaact	cacctaggng	ggagtcagtt	acccctgccn	tacantggcc	420
catggancac	ctgcggnaag	aangnnnttn	tgcttactga	ttcttnccatc	tatgggtgtcc	480
aattgggaag	gatcctgngc	cattgactga	netctntgag	ggttgttatn	aagcttgtgg	540
atccattctc	atgactactg	ggaaatttct	gtgaatttga	ccctgcccct	gaactccaag	600
gcagcttttc	ccctnnaaag	gtnaaatcca	ancctatta	taactggggg	ganttgtnng	660
acaaaatttt	ngggctantt	taccgaccaa	anttttncct	gncctanaaa	tgttcgnacc	720
cnncccgna	ntttggnngc	ttcacccctc	c			751

<210> 2768

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 2768

gtaannnttc	naatgcttgg	ctactcganc	tctntgcagg	catcccatcg	attcgtncnt	60
cntgtntang	tcgnencagn	ccttantngg	gatacttaaa	tnactatatt	ttncnnngta	120
ctctcnagga	tttgatattg	acttnncaga	tnnanatngg	nnaactnatn	ngagnataat	180
ccntgaacag	nntttgttcn	ncncatnctt	ggagaggncn	tgntatatnc	agntcatgca	240
acactatcna	ntnagggtat	nnnccgncat	ccatagtga	tnatngntaa	nccactngag	300
ggntncntan	nmatntctgt	nnagcncaga	ccncnatnan	nangannaag	agcactngnc	360

atatngnagn	gnnagttact	ncanctent	gangtggaat	acnnatgaca	tcaatcgagn	420
tnaccatnac	gcanntgtac	tgaganttgn	gancctcttt	ntaccaggca	tatgtcaatg	480
gtcnaanaga	gnccatnnna	cntnnacnt	tntggctnna	tgtnngntcn	nccnttgnan	540
gctntcctnt	gcatgantgg	ganntcaaan	nttcnggacn	ncaatttang	ggnccttaann	600
tnaaaggnc	cannctnggg	ctctcnataa	taaccantan	nggnaaaatc	tgnaaccctt	660
gctctaccta	nncctaggg	gancctggga	tttgtnnnnn	naaaantccc	aacccttnan	720
tacttgagan	gntnccncgn	nttttnaagn	nactttgngg	atagcnnccn	aatgtttnnn	780
cnnttcangn	aatccnntgn					800

<210> 2769

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2769

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attagtatac	gtttttaaat	aggctaattt	ttcaacttgg	atcattaggc	ttacgtacta	120
cttggttcaa	atgtgtcaaa	tacaaaaatg	gtaactaggt	tgacagatac	tttgtatttt	180
tcttttgaat	tcagacctgg	aatgtaagta	agtgacaatg	cttatggaaa	gccagttagt	240
tagaattgga	aatctgtctt	gtcattttac	aagcattaga	ttcctttcct	gtgtgaagaa	300
agcctcagtg	aaacaggtct	ttgccataac	tttatgaagt	gctacagaaa	gcacaaagaa	360
ttgattcatg	ttcatcaata	cctgctgaga	gtactgtccc	aggaatatcc	agtggatgga	420
ttcatcatcc	aggaggttca	aaagtaagat	ggttttcaaa	tcatttttga	gactgggtgca	480
taacagcagg	gtacctgaaa	agagccttct	gggagttagt	gaactaggta	natgggtttg	540
ntcacatacg	ccccatcaac	ttaaaagtga	atggcctttg	tataaatgan	gtcactatgg	600
acttaccccta	aagatcttct	gtacttcttg	cttccatagg	acaaatgata	agtnctactt	660
nctcatctct	tngggttatt	aattggaann	cttgcatcca	tgggtattga	aattnaaa	718

<210> 2770

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2770

gcaatagttg	cnaatagcna	ggctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgagc	tttttctcac	tgaaatattt	aagcactgca	ttttaagaaa	acttcctatt	120
cattcgtaga	cttttatctg	gccagatttc	cactctgagg	gcttttcttt	ctagttatct	180
gacaaaccat	aaattttatt	tcctttaagg	gcaaaaccaa	cctccaagca	catttatggc	240
ccatgtttta	agagctggcc	gncctttcta	tcctgtatct	ctgggttaaac	gtgttttctt	300
tntcttggag	caaatttttc	aaagaggggc	taaagctatg	tgttcctctg	gagagaactn	360
ctgcctaccc	agcangaaa	aaaatgccag	agaagcctcc	gacctggggt	ctgcccctgg	420
tagccaggtc	tcaggctana	agccttcttt	ttgggtgcat	tggagtcctt	ctctacctca	480
cctttatttg	acttccttct	tggttcnnat	gtatnctcct	ctgnctnctt	taaagantgg	540
caactttttg	gacttttgac	aattcctgtg	tagcaatctg	ggctgatttt	agagaggcct	600
tctgttctctg	cttccaatga	gctgattggg	tgatcagctg	attttattac	ctttccctgg	660
aggaagtana	gtcccaggat	gntgggggaag	gcccnnntggg	gacccctgaa	gccctttatg	720

ttgacccctt

730

<210> 2771

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 2771

gnnttnanan	agctngnnnn	nnnctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcgggcacgag	cagactcgca	ttatggacaa	gtcccttctc	cccacacaaa	ggaagacata	120
caccgcatag	tccatttcat	ttcagctcct	gatggcatct	gaccgccgtg	gacacttccc	180
agnggtntgg	cttttgagg	gagagtana	cgnggatga	tctgtgccag	ttggncactc	240
cttgatatt	ggngttatnt	ccactggctc	tgntgctcct	ctgtgttgat	tttcattaac	300
tcatttcacc	tnaatgaatt	ctggagcctg	gctganatng	tgcntactct	ntgncagagg	360
atcatcatga	acaaccctt	atgtagcaag	nttcccaggt	tttttcagaa	gtggtgaatc	420
catgccttgg	cattcntgga	ttattccatg	tcatgtcaga	tcattcatna	aatnnatatt	480
gacacatgtc	atgtgatgen	ttctatgctg	acaccatcag	gaattcaaaa	nggtgaccac	540
acgttgntnt	gntcctgagg	acttccaggg	ttanaaaaaa	anataaaaaa	aacttgaggg	600
ctntaaaact	atatgagtc	natttacgtn	gnanngaca	tgaatncnga	atncattgaa	660
tgaantttgg	ccaanccnn	aactatgaat	tgccgttgac	aaaaaggcct	ttttttgnga	720
aantttgngc	tgcttttgnn	tttaatttgn	naacc			755

<210> 2772

<211> 632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (632)

<223> n = A,T,C or G

<400> 2772

gttgagctgc	tcttgntctt	nenctggtn	natctgcagg	atcccatcga	ttcgaattcg	60
gcacgagccc	ttctgagnnt	gtccattcat	nggtgggtct	gcccctactc	cccnagecct	120
naatacccca	tctgctgttc	ctaccnaten	nncanccacc	ggannntnca	ttcagcnntt	180
tgtctgaccc	ctgnagcccn	gagggngnga	gcagtgcnn	acanctcctt	tnncaattgc	240
tggnacagacn	gctatntgtn	nctnanattn	aanactttct	gtctanttcg	anctgacntt	300
cannactaac	gctncaaten	gngattcntt	ctttaatccn	tnaggtatct	ntnattnctg	360
ngctnangan	gngccttnaa	nngctgagct	tacntgccng	ngantgngn	tattgngann	420
anggatnctg	acattgnctt	gntcacagtc	nntntnagcg	tgactgnga	tganaanctt	480
gaccctgacc	attanttgen	naccgattna	ttgcctgatg	tacanatctt	gntgnnanga	540
ccactgatct	agatgntctn	atctanatna	tcnactgntg	acattgteta	aancatcacn	600
natcaaagtt	ttagatgcag	tgnttgagaa	tc			632

<210> 2773

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 2773

gtctatgctg gntannnata caggctactt gttctttttg caggatccca tcgattcgaa	60
ttcggcacga ggaccaagga gatgtgagtg aaaatgatgc aggctgcttc cagggtgtgac	120
cagtaagata cttcccatat aatcttcccta ctctttcttc cctgtttggc atcccatgtg	180
ctaagaatgg gaaccctgag gtcctatatg tggaaccata aggtaaatgt ctttgggctc	240
tgaatctcac acagggctca ctgagaataa gaaacatcct tcttgggctt tgtatgaata	300
agaaaatact agcaaatctt taagaaggaa gtaattccag tatttcacaa acccttccaa	360
agaatagtaa aaacaaagag ctttctcttc ctcggttatct aaaattagcc taactttgat	420
agcaaaacca gctaggagag ttgcaaagat aataatcaga agccagtctc actgaacata	480
aatgtgaaag tcttcagcaa aatattagtc tacttcgtgt tcacatcttt cttatgggag	540
actnttttgt ntgggttggt ttganatgga gtttcgctcn tgggtgcccc ggctggagtg	600
caatggccgt gactttggct naaccgcacc tacgcctggg agacattttt attttcagaa	660
tggaccatt ttctctactg gtntgggcnc aaaactagac tctggattaa ncctccctg	720
ngggttanga agtgggcat ntna	744

<210> 2774
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 2774

gtctatnctt tgaanctctt tgctacttgc nngntctgtn tgcaggatcc catcgattcg	60
aattcggcac gaggatctct ttngagggtga tgggtgctntc cgagctgttt ctggagatgc	120
tccagagggga ttttggctat agagtttata agatgctact gagccttctt gaaaagggtcg	180
tgtccccacc tgaacctgag aaggaggang cngccaagga agaagccacc aaggagggaag	240
aagccatcaa agaggacgtg gtcaangagc ccaaggatga ggcacacaaat gagggcccg	300
ctacagagtc agaggccccg ctgaaggang atgggcttnt gccnaacca ctctcttctg	360
ggggagagga agaattnaaa accccggggc gaggttctt gaggacctgt gtgagatngc	420
cctggaccca gaactggtgc ttngangga tgatggatag gaggaagttt gnaggagcaa	480
agctggatga tncgtangtn cggtncnngn cctaaaccag tcacagatgg agttctntnc	540
acttcaagac atgcccgaag acntggatcc ctnntgctnt gcttccctta nactgnctgg	600
ttccttttag nggttctttt gatnccaact gatgtngctt ncttgcaccg gccangactt	660
ngnganggaa cttcttacc cttgggatcc cggnttaaat ggnanaccan ggccaancca	720
aatggtttac cnagggnngg ngaaccnnaa aaaaattttt	760

<210> 2775
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (737)
 <223> n = A,T,C or G

<400> 2775

gggnnnnnnn nananataca gntgttcttt ttgcaggatc cctcgattcg ctggaattag	60
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attgtgtagg	gcccgcacatt	ggattttat	taagtacaat	aggaagccac	tggaatgtga	120
taaccagagg	cttgatgtaa	tctagtctaa	tctattaaag	gattgctgtc	tagtttgtga	180
taaattggagc	cttgaccttg	gtgtcaagaa	attgtccttg	ataccagcaa	ggccaatttg	240
gaggttattg	ccattctgag	atgagaagca	gtaatgactt	ggtgtttatt	tgagatagaa	300
agcaagtaaa	atagaaacat	tttctggtag	tagaggcaag	aaaacttggt	gttaatatta	360
tcaaagcaga	taataagaaa	ttgttactgg	gttgtagtaa	ttatctcact	gatatttaaa	420
cccttgggtt	tattggactg	ggtggccgat	gtttgggtaa	gaaggaaatg	agaagtgttt	480
ttaatatggg	agatacctta	gcatatttat	aaacaaaaac	tgataaacia	ggacaaaact	540
tccacttatg	gtcacgggtga	agtaactgat	actggcccg	gttttctctc	cattaacaac	600
tagaaatctg	gttgcatacc	caaagaagct	ggctctgata	cacactaatn	aaattgnnaa	660
aaatncangc	tttaatgata	taggatccca	aaagtantgt	ggtcaaagcc	aaatncaaaa	720
gtcttttaag	gaagacc					737

<210> 2776

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2776

ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	agtcaccttg	180
cccggccagc	caccgtcccc	agcaccacaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgttttg	ggggatattt	ttcataatta	tttaaaagac	300
aggccggggc	cggnggctca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaaacc	ccgtctctac	420
taaaaataca	aaaaatttagc	ncgggtgttg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaacccg	gtagggtggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaaangc	aagggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaacccaaa	caaccttgg	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 2777

ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttccgcct	ggggctccct	gtgacctctc	agtcaccttg	180
cccggccagc	caccgtcccc	agcaccacaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgttttg	ggggatattt	ttcataatta	tttaaaagac	300
aggccggggc	cggnggctca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaaacc	ccgtctctac	420

taaaaataca	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggg	aggagaatcg	cttgaaccgg	gtagggtggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aaggggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccctg	caaccttggg	aaggcttcca	ttttntttcc	720
caaagccenn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2778

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2778

gctatgtgga	aatcgcnagg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagagg	aagctgggtg	agaagaagaa	ggaaaaagtc	gattctactg	actgacgttt	120
ccccctgctg	ttaagaatcc	caaccacaca	ctttcacaca	ctattccagg	ttctggctac	180
tgaatgatcc	cacagctgag	gtctattgnc	atcgctccac	ttctattttt	agcagcacta	240
aaaacattcc	caaaaaaaaa	gtttttttagc	tttttaactg	tagattcacc	actaagaaat	300
tggcattgga	acagtcacac	gagcttattc	aaatttcacc	cattttacat	gcactcattt	360
gtgttgcatg	tgatatatag	ttctatttca	ttttatcacc	tgtgtagatg	gatgaaaaca	420
gcaacataag	caagatacac	agctgttccg	tcatcacaga	gctctgccat	actatccttt	480
tatagccatc	tctacctctg	tcccccatct	ctaaccctcg	gaaaccacta	atctggnctt	540
cataattttc	ttattttcaag	aatcttacgt	aaatagggat	cacgaagtat	aacctttgag	600
aatggccttt	tcactncatt	cccttgagat	acatccagg	agtngcatgt	atcaatagnt	660
aattcctttt	tattgctaca	cagtctccat	agtatgaata	tactatgtac	atagcatatn	720
tatttatagg	tnacc					735

<210> 2779

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2779

tgcgtcgngg	agcgtgcnan	tcgcatngcc	nanaanaatg	gcggggcgca	tccttgacag	60
ttggataata	ggttccagga	agttcagtg	aaaatttttt	caaagcaaca	tttatagctg	120
attgaacttg	aaaagccatt	ttgggtgttg	atggcaaata	tgtggacttc	agcattcctg	180
gagcctgatg	catcccgtg	gatggccctg	ttcctgtgta	catgatggcc	tggggactca	240
gcagtgtgca	gggtactctc	cttttagagg	tgctttgagg	aaagaagttt	gctgccactt	300
acagaagtcc	ccttcccata	cagtgatata	acacaagtac	cccatgtcca	gggagcatct	360
ttcctctgat	ggcttgagga	cttattttatt	aaaaggacag	gaatgtctgg	caagaaacag	420
aggagctctt	aagtactgta	aatactccta	gtcactctgc	atcagggctg	caagtntaag	480
cagattgctg	tgggtgtatac	acatgatttt	agcatgataa	cacttctgtt	taaagtncct	540
tagttgggtcc	ggnggccacc	actggcgtga	gccttaagaa	aggctaacgc	cgntgngaag	600
aaagggcttt	ataggccgng	nttggagngg	ntaaattntc	tttagaactt	aaaagaagaa	660
cttgaggggg	atggggaagg	ggaaaaatga	acccatnggt	ncanggaat	ntaggtgaac	720
angagnaatt	gaaccnattt	gcaagnntta	aagaaaaang			759

<210> 2780
 <211> 678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 2780

nttnnanncn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tgggcacgag	60
cgtnnacnga	ctacgtgtng	agcncgtgn	cagacnctga	ntncacnntg	gngaanaatga	120
nngtctaggg	gnctcagccc	gtntnnttcn	taatccagt	aganacnaan	acatgtacac	180
aggctncgat	nanttgtgnc	aattgggaaa	tgtgccatgc	tactagggga	tggatgagat	240
cncagcttan	tcttggaag	aatgagtng	ncntngcaan	taagggngga	anagaatatt	300
atcaagagag	gtgangaaa	ttgncgngac	ctcaagtgt	caganatgag	aatacnttgc	360
tgtntaaatn	actgcttnac	ctcnatang	gnngaggtnc	ngtntnntg	agctaatacgt	420
atntcangng	atgttatcng	gaagaanaaa	ggctnnnaaa	cnntcncctt	tnagnacacgt	480
atgtgcactt	aactgcaaat	ggtactgggg	gagccatata	tggacttata	tgaaaatgac	540
ctancncaat	tgnctttaga	aaaanccng	ctgccttgta	actngtaatg	gcaactgagg	600
tggtagacat	atngatttgc	actatgagtn	gaatncttat	ntctgtngga	gtgcattcct	660
tcgtggntng	gactgaac					678

<210> 2781
 <211> 682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 2781

ggcacgagat	tttttttgtt	cgaatgagcc	ttaatcttnt	actagtgatt	ttttgtttga	60
aggagccttg	atcttggcca	ccgaaaaggt	naaaccagt	gcaagcttga	atgcttgttt	120
tatggtagac	ttagatacga	gaacgggtaa	agggtactgg	ataaacttgg	gatataagat	180
tgcttctttt	atgcatacca	ctcataccac	tggtgggaaa	tttcatttgg	aattactccc	240
tagggccatg	gagtcctcct	gcatatgcta	ataatgtaag	ttcccattac	ctttgggtaat	300
aagaaaatat	ctttaaaaca	agttagcttt	tcctattggn	tatatatgga	aggacangct	360
gttttccctn	ctgtgcattt	agcattttgn	gtatnctctc	attgcncnaa	ntatgcttat	420
aacattgtga	aaccccgctt	ctactaaaaa	tacaaanatt	agccaggcat	ggtggagccg	480
tgcttggaat	ccctgctgct	taagaagctg	aggcncaaga	attgcttgac	ctgggatgca	540
aaagttgcag	tgancctaca	tcacancant	gccttcancc	ttggggacaa	aactgtttct	600
cnnnaaaaaa	antaaanaaa	tttgagcctt	taaaactatn	gtggagncgt	attacnntan	660
atccngacnt	ggatnagaat	cn				682

<210> 2782
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)

<223> n = A,T,C or G

<400> 2782

cgntgantnt	cnannngcgg	gcctcgctct	ttcannaagn	cnngcgnngn	gaattcggca	60
cgaggagntc	gnanctcctg	gtggcgcttt	tttgagctgc	agtgcataca	gagtggcctg	120
antccaccaa	gagaaggccc	aggaggaaga	agagaaaaag	atgctgtggt	tactagtgcc	180
aaaaatgctg	gcaggaacaa	ggaggagaag	acaatcataa	aaaagctgnt	cttttttcga	240
tcgggggaaac	agacctagat	ccaaggccac	aagtaaggct	atggctctga	ttctagaaga	300
caaccttcca	agatgcctgg	caaaaccacc	tccctgtgcc	acacagacac	actaggcctg	360
tgtattttatt	tccccctcaa	agcagactga	ggagggagga	gacgaggntc	tcttggcatc	420
acttttctccc	tggctgcaga	actagacacc	cttgaagatt	tggcctgggc	cagtgcagact	480
gaaatcaaga	aaaacagaag	ggatgtgcaa	ggtggggggg	tccacttnct	gctcccatgt	540
caacccccan	ggccttcagc	gtgcagacgc	ctgncctact	catctgctcc	cacnggatgg	600
accctgggct	ttaangggta	agcanaaagg	gagaaaaaga	aaacccggaa	aatgngccta	660
ttggagaatt	cccagngggg	gaccttcacc	tggatattta	aanggaaana	ttnggatttt	720
aagcccaaca	tgccttnct	tttanggggg	aantnngggg	attaaaaagg	naaaaaagga	780
ttcc						784

<210> 2783

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2783

nnnttnntna	nnnttgggct	aacgccctnn	aagnaaccag	tcggnncgaa	ttcggcacga	60
gaagacctgc	agcttcagca	tcaattgaga	agttnttagg	aatgcatact	agtgggcccc	120
gccccagac	atagtgaatc	agaaaccaac	aggagggcgc	ctagcattgt	ttttttaaca	180
agtgcctggg	tattctgatg	cacagtctag	tttaagaacc	actactttgg	gtaaacgttt	240
tgactgttta	aagtttatgg	cggtgaagtg	ggcatcttca	aagactagta	cttacacagt	300
ttagaagatt	tcaaggtagt	gctgacagta	gtttattatg	tcagtataca	tacgtgtaga	360
gatcataatt	tagttccctt	cttaattgta	caatttctta	gtttactttt	cctaaagggc	420
catagcataa	ttcttgatc	ctgggtggaa	tcttttctga	ggtgtggggg	tgggcaagg	480
gtggattgct	gtttacgata	gtgccttcat	tagtttttagt	tctgtctgtt	ttcattcatt	540
attgactcaa	aggtattaga	acaggccctt	atctttttcc	tattagattt	atTTTTgntt	600
tttactttat	gtaagttcag	aatccttttt	ttaaagtgat	gactactgat	gaaataatgn	660
tactagtagc	tgaatttaga	cttgatgcta	tgntgataat	atttaaattg	tgaaaagtaa	720
ttaaggcaaa	atagcaattn	t				741

<210> 2784

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2784

nttcnnnnntn	nttggctgtt	nttcngcagg	ancccatcga	ttcgtgcct	cctccttagg	60
cagagagctc	cttgggtcca	tttgaaaacc	ttccttcccc	ttttgctgga	attgagagac	120

tgaggacaca	aagtgggtgtg	ctggagaata	aactagagcc	tgtgggtgcc	gactggcaac	180
ttggggattg	tgtgagtgag	ggagagattg	tgcagagcta	atcctaacat	tgctgatgag	240
tggacagaaa	ccataggcct	catgaatagt	gatttctgaa	gtcaaagccc	agtatgctta	300
aatatcaacc	caagtggttt	gggagagggg	agcacagctt	actgttctgc	taaaattctt	360
tgaggaatta	agtnagaata	cgtgtaaggt	acgtagcaat	ggttattttac	aaaatggact	420
ctgcctgcag	attattagta	tgtctcagat	gtaaaaccag	ctcaaaagta	ctangacgat	480
ttgtagtagt	atttaattat	ttgtaaactt	acaccgtttt	tcttcacgtt	tgcagaatac	540
aaatctttgn	cagtagtgaa	atgngaattc	agtaggatta	aactgnngtg	aaaccttgtg	600
ggcgggatga	agagaggcag	aagcgcgtac	tggtagctga	gttgcccgc	agctcaaggg	660
cccactatgt	actgctctgg	gttgccactgc	ccagaggtaa	ggggaagctt	ccttaagacn	720
t						721

<210> 2785

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 2785

ggmntttnt	annatacagc	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	60
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gagtcacttt	ctgactatcc	tatagacaca	gtaattggac	ctgtgttttt	ttctaattctt	180
tatatgacag	cacatttcct	aattcagggg	ccatccccta	tcccaaattc	catcctgtga	240
gatgtgaaac	ctgtgagttc	atgtgaatga	gtgtttgaag	ggcttgacgc	catgtagtct	300
cttaggaagg	cttcaggggt	ctcttatgtt	gatgctttgc	cattatcaaa	tggcattgat	360
tgatccgagg	gactcagaaa	gttagggtag	actctataaa	taatttcatt	attcctcatc	420
ctctnctga	tcattttatt	ggttagtcac	tctgccagat	cactaagatt	cttctctac	480
aggccccgc	aaattncaca	gagccctgat	tctnccctgc	cagatggagt	ctccttacc	540
cattgctcag	cttttcaaga	tttattatga	tgttggaag	tganggaatt	tcttaagccg	600
agaaatcaga	agttcatgcc	tgttacctcc	taagaaccgc	gngtnaaaga	ccatntatcc	660
tgggtctgana	tggcgggcct	ttagtgagaa	ataagttgtt	tttaagttgg	ttcagaaaaa	720
aaaacccacc						730

<210> 2786

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 2786

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aaaattttaa	aggtagggga	tcatttagga	aaaaatgcaa	atgccaaaca	atgtgagaaa	180
atgctcaatc	ttacttataa	tttaagaact	acaattcagc	caggcgcggt	ggctcatgcc	240
tgtaatccca	gtacttggg	aggctgaggg	acgagaattg	cttgaaccca	agagggagag	300
gttgagtgga	gccaaagatc	tgccactgca	ctccagcctg	ggcgacagag	caagacttgt	360
ctcaaaaaca	aacaancata	aaacaacaaa	naaattacca	ttaaaaatga	gagagttttc	420
attggcaaaag	ttaaaaagaa	aggtgaaaga	aaaacctact	cttcttgatt	tgtgtttggt	480

cacttatgga	gaatttattt	tgtcataagg	nctgaatcat	aattaaatat	gttctttggg	540
tctancagtt	cttctatttc	ttgnattata	agtaaaccct	ggaaccatct	tanacactga	600
tcatgaagac	taatttgnaa	taanaaaagt	tctagccttt	cattccnatg	gaaatatggg	660
tgcccgntaa	aaaaaaaaagc	ctctagaact	tttagtgagt	cgnattaccg	ttagatccng	720
aacttgatta	aggatacaat	tgattaagtt	tgggacnnt			759

<210> 2787

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 2787

gnctttnaaa	tcnnttgcta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagatgggg	tatagatggg	tttccccctg	tgtactctag	taaatttcta	tgccatttct	120
cctatcgatc	tgccttttgt	cagttgattt	ttcagcttaa	cttcagagag	caaaggggaa	180
ggtggccaag	tgcagtgtct	catgcctgta	atcccagcac	tgtgggaagc	tgaggcaggc	240
agatcacttg	aagtcaggag	ttcaagacca	gcctggccaa	catggtgaaa	ccctatcttt	300
actataaaga	aaaataagtc	gagtgtgggtg	gtgcacactt	gtaatcccag	ctactcagga	360
ggctgaggca	gaagaattgc	ttgaactcgg	gagatggagg	ttgcagtggg	ccaaaatcgc	420
gccactgctc	tccaacctgg	gtgacagagt	aagaccctgt	ctcaaaaaaa	aaaaaaaaaa	480
actcgagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	ataagataca	540
ttgatgagtt	tgggacaaa	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	600
aatttngat	gctattgctt	tatttgnan	cctttttaag	ctgcaataaa	ccaagttaac	660
aaccaccatt	ggcatttcat	tttatggttt	caaggttcaa	gggggaagtt	ttgggaagg	720
ttttttnaatt	tcnnggcccc	ggngnccaat	n			751

<210> 2788

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2788

tnttatntgn	gnnctttgna	antccccagg	agcnngcgga	ttcgctggat	gaagactaag	60
catttaata	ctaagttgag	ggcatantag	ctttnttgtg	cctataatcc	cagtgttttg	120
ggaggcctag	gcgaggagat	gccttgagcc	caggagattg	aagctgcagt	gaattatgag	180
ccaatgcact	ccagcctggg	tgagagtggg	accctatctc	aaaacagcaa	caacaacaag	240
atacaaattg	agaaactggt	acttgatttg	cgatatgtat	tctgtccagc	agtgatagaa	300
taacaaggac	tgggtttacc	ttgctatttt	aagcaacaat	atatgaaata	gcaatttgta	360
ggcattgggt	aacaggcaaa	gcaagactgt	ggtcactgaa	agctgggaaa	caaacctact	420
gagctctatg	gttgccccaa	tttattatct	ggaggtagtt	ttcaggctgc	agagcaggga	480
tggggaagtc	aaacagagca	tggtgtctta	gaattgggag	gacaagatgg	gggttggcgg	540
ggagggaagg	ttgtcatcat	tcgtggggca	gagtaccaga	gaagtgggaa	gttgtacaca	600
gaacttccag	tgataggtgg	aggagtcttc	tgaatctggg	tgaatcctga	tctacaggtg	660
catgaaaagg	agaacaccct	gaggncagaa	aaagaaccca	ctggaaacca	caggccaaac	720
aattnctggg	actcacact					739

<210> 2789
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2789
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 agtcttcttag gaatgagggg catcagccca cccaggntt ttcagtgggg ttccggggcca 120
 cctcaggact ccaagaggct gtgtggagcc accactccta gccacagctg ccatgataag 180
 tccttccatg aaggactgag gagggagagt ggggggtccag ggctgggtgct gctcttccct 240
 cagctctgcc ggggctctaa ggtccctcta tttatttctc aaccctggct ggcctctcac 300
 caggagttaa ggctgaatgc cttccacgtg atggaggaaa aggccaactc tgtcctgggc 360
 ttgctgtggc accccatcgc cccacagctc gtaccttctc accagattcc cctgaatcca 420
 aactcgtggg gcaaaccctc acctttttta caaaaagatc ttattgttaa tttattgntt 480
 ctggcacttg ggcaaaccct gtagttaata ctctccccc actagacact gggtttcagg 540
 aggagggaga ctgccctgct ttgggtcccag agaggccctc tgcagatagg cgtggcccct 600
 cttcagagga cactacccta gggcactttc tctttgaggt ggagagaccc ataaagcctt 660
 gacacatcac tncatatggg ggaggaagaa aggatccctg gcaccttctc ctctctttaa 720
 nggggccctt ttgcaagccc tagncn 746

<210> 2790
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 2790
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 tgaaccngng aggtggngga tgcagttttn ttttgattga gccattgcac tcnagcctgg 120
 gcaacatagc gagactctag nctcaagaag annanaaata gactgagana aagaaganga 180
 aaaaactnnn gagggccacca gtcctgngaa gacaacaaag aagcagggtc ctgagagaga 240
 ncnangaggg cataggtggc ccgaggacat nagangggtt nanctncang ngaaatnggn 300
 gggaacgggt ntccaggcgt aggggaatagc ncatgnaaan gccgtgataa aggggaanaaa 360
 ctnggtgnga tggaggaatg ncagagaggc cagaacagan cnagagggca ncattcgtag 420
 gagacgaggg aatcacgggc ctgccaggcc atggangggg tngggattct annacgaagc 480
 ctgaggaaaag tnaaggcngg gannancaca ncaaagatgc cancnggctt gggcttacgn 540
 acctccccca tggcngcatg ggaangaaaa ttaanatggn cgcaccaaaa agttgnaann 600
 aangnngaac gcagcnnngg tgnnanngnn cccangggcg aaaannggnc aaagnanggg 660
 nccggggtcn nggggcttgg aaaangatag gacggggngc caagnaaggc tccaanaaaa 720
 atcgganccn ngggaanaac nngggaganc nngcnnggan ngggacaaaa attngggnc 780
 cnggccaagg ncccgggngg caccanagat ggcg 814

<210> 2791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2791

cnnnnntgt	actgnacnng	nantcccatn	agccnannga	ttcgaattcg	gcacgaggca	60
tattgtggag	aggcacagtt	caggaggaat	agntttcgtc	ttgaagagga	ggacactttc	120
ctgtgaatca	tgagggacag	aagatccata	tagaagaaga	caatagcttt	gatcttctat	180
tacaagaaaa	ggaatgccag	tgtaagagat	ggcatgatat	ggaagtgtat	tccttttcag	240
gcctgcagag	tgctccctccc	ttggctccag	aacgaagatc	cacacttgag	gactactctc	300
agtcgctgca	cgccagaact	ctgtctggct	ctccccgatc	ctgttctgag	caagctcgag	360
tcttcgtgga	tgatgtgacc	attgaggacc	tgtcaggcta	catggagtat	tacttgtata	420
ttcccaanaa	aatgtcccac	atggcanaaa	tgatgtacac	ctgatagcaa	gaagctaatt	480
catatgcttt	aaaccaatga	aggcttgnc	aagagattta	gttaatggca	gaccttgngg	540
ccactttntg	tgagaagaca	tctctttntg	ctcactgtct	tgcaataaaa	acttttnttg	600
gcaaaanacc	aaantttaga	gtnanccntt	aaangaaaaa	ccttggnccc	cttanaactn	660
ttntggaggc	gnatttnccn	tngaatccc	accttggtt	caggaatcct	ttgatnaant	720
ttnggaaaaa	ccccccactt	ggaaatgccc				750

<210> 2792
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 2792

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ggcccttget	gtccccccac	ctgctggctg	agctentnet	ggcctcgtcc	cctctcagct	120
gtagctgcac	cacccccgct	ctggctacca	ggctctcccg	gctgggcact	gcgtggcctt	180
gccccctetcc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	gatttctccc	240
ctctcctggg	ccagggggagg	ggtattatcc	ctgcctcctg	cccccgatgc	ccaaagcagc	300
atcttccagc	actttccatc	gaggacttgg	gtggcagant	gtgggtgcag	cctggctggt	360
gctcacccaa	gtgctagctc	tgcaacttct	gtctgctgag	agcaaccaag	accttccatg	420
tcctcgaggc	agctgcaact	ccccgcgaga	ccccgcannt	gggtgggatg	aacaaagcaa	480
cgcagaccac	angcgagtgc	ctgggaagga	gtggnccang	gtggttctgg	agccattgtg	540
ggtgagggtt	nagggccacc	gaagtnccgc	ncaccgntgn	ctgccctgca	ctggctttaa	600
caagttnngt	ntgccaaana	ctnttcaatt	taccatcaag	ccggtctant	gtcttcaagg	660
nattggagcc	tgcgattcct	tcggggcacc	ntggggcccc	cnccggctnt	gggntccctt	720
ggngggaaat	gggcccagc	cgggctttgc	nggtttcctt	centtanggg		770

<210> 2793
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 2793

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gcactggatc	tcactctcaag	ctcatnttag	atgcttttct	acagcagtta	cccaactgtg	120
tcaaccgaga	tctgatagac	aaggcagcaa	tggatttttg	catgaacatg	aacacaaaag	180
caaacaggaa	gaagttggta	cgggcactct	tcatagttcc	tagacaaagg	tacggaaaaa	240
ggaccagatc	aatattgaaa	caaagaataa	aactgttcgt	tttataggag	aactaactaa	300
gtttaagatg	ttcaccaaaa	atgacacact	gcattgttta	aaggtttagt	ctgaattagt	360
tgattgtttt	taattgaaaa	gtttaaagnt	tttaattatna	atggtggata	aagtgaataa	420
atncaatatt	tgattaatcc	aaaagaagac	cangaaanga	agaaaaagtn	acgtttaaca	480
agtgtgcana	atacaaaaaca	natagtgaga	tcttagatac	ttatgcagtt	ctaccgagtn	540
nttaccgtga	aatntaaaaa	agggnnngaaa	atantntcca	aggttaaagc	ctttaaaaaa	600
tattannaac	tttggattca	aaaacaaact	nncttatgga	agcctttttn	ccaacnagga	660
ngtccanccc	tttaaaatan	tgaaaggatt	ntgtaaaaaa	aanannntta	aaaaaacttt	720
gngcncctt	tttaaanent	nttttggng	ggggcctttt	nnccgtnaaa	attccctacn	780
ctttgtatta	nagnacnct	ttnggg				806

<210> 2794

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2794

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ttggggaaa	tgacaggcat	agctgactcg	gggtcattca	ctaagccagg	agcccaggaa	180
gacacacaga	tgcaagcaga	gatcgtgcc	ttacactcca	gcctgggcta	cagagtgaga	240
ctctgtgtca	aaaaaaaaa	gaaagaaaat	gggcttgtgt	ggtagcaggt	aagaaattga	300
atctctgttg	tacagcagct	agctgtactg	catgatcact	tcccattccc	cagctgacag	360
tggtctgtct	tggaactcct	accacagtct	tcaattggta	ggccagccct	ggtgccagt	420
attttatctg	ggcatggaaa	atgccacttg	cttctgtgga	agagacactt	aaaagatctg	480
gcagtcggcc	gggtgcggtg	gctcacgcct	ataatcccaa	cactctggga	ggtcaaggca	540
ngcggatcac	gaagtcagga	gatggagacc	atnctggcta	acacggtgaa	acccttgtct	600
ctactaaaaa	aaaangnaaa	aaaaaactcg	agcctntana	ctatagttag	tcgnattcct	660
agatncngac	atgataagat	ncattgatga	gtttggacaa	ccacactnga	atgcntgaaa	720
aaaatgtttt	ttntat					737

<210> 2795

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2795

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cttgccctg	ccccaccat	gcacccagca	gccgggagtg	cagcgggcag	cctggcagtg	180
agtgaacccc	aggcctccag	ccctccaaag	cctggggcca	ccccctgtag	cagggcagtc	240
tagaataagg	aggagagcca	gagctgaggc	tccttgcccc	ttggcccttc	caggggccat	300

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gggatctctg tctccacac ccctgtcacg gcccgccctgg agcagcccag aggccgaaga 360
ggttcttact gcagcctccg ggaggtgtct agggaggcca tagattgcct ggtctcgccg 420
cattcaaaat gaggcttatg atcagtactt ttttcagccc cacattcctc tccagaatgg 480
cctctgccct acagcacctg gcccatgtgg caccatgg gctgtgctc tgetgttg 540
aggtagacct nacgaccag cacaggagct ggaagccaag tgcacgcgan gctcttcaca 600
gccaagaag gcagcctgtc accctgtctc ccgaaccaag gccaangtgt ggggggcaca 660
agccatnctc atcctgncag gcccgcttt cagaatgggg tggtagcaat gctccactna 720
aacct 726

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<210> 2796

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (721)

<223> n = A,T,C or G

<400> 2796

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ccgccgccgc caccaccacc accactgcag caacaacagc agcagcagca gcagcgctg 120
catagctcca ctctgacctg tgaaggaatg gggatgaggc caggagctag tgtctaccac 180
ggccacacag ggagcagtgt gggcccttag cccccaaggg gctgtctatg catgtggctt 240
tttttttttt aaacacagta aactagatta gtctgtcagt ttttaattgc cctctctctc 300
ctctcctgca ttcctctcct ctctctcttc ctctctgtcc ctctctcttc cctctcaac 360
caggagacca tcatgtctct ctgccttccct cctctccctt ccaggggagt caggctgtct 420
gtgaaagcca tgagcttctc tccctctccc actcctctctc tccactcttc agatggattt 480
attccttttt ttaaacaatg aacatcgga atgagactgt ggggtgtggt nctctctctc 540
ttttttttta attttctttg ttgggttttt gagcaacctc atgtcccttc caggagctt 600
ttaattacct cttanaactc aagtggatgg gaagtagagc actatgtgtc aatatgcttt 660
ggtttctgac acgattacnc agcgaggctt taatgccatt gggtaggtga gcttctgctt 720
t 721

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<210> 2797

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 2797

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aanttgccct gtnntcangg gttaaggtea cactgnncta attngcaatg ggaacaccat 180
gtactnagtt ggntncnnc gttnttagga aagctttcnt tatgcaaggg ataacatcna 240
atagggcact tatcccaa atgaatgcagca atttaaacca nngatgttta cgcattggcaa 300
gaacacngtt aggcaggant ntgggggtcaa ctangctgat gtctttgaac acccatgagc 360
tactgggaan gtntgnatat cnggtggccg atgggctnng ggngtntnnt gnttgctcat 420
angcgnaatt taaangnnga gttatgtggg nganaatatg tatgtttgca attacacatg 480
gaatgtaaac caaagataca nttctnagcn ccctaaccnc taantggatn cctctntntc 540
anncaanggg nntntccacn gggaacctga aacactagtt naggtgtgta tggacatgag 600
tgggtggaca tgctnctatg gnaaggaatt nntacnncac tnaccttcat gaacattcna 660

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ncngagacct ttaagggtna ncaaganatg acttttgnngt nnggaatatg aaggtggaat 720
 tgacacanag gcccttgaaa tggnaatgna 750

<210> 2798
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2798
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 ttcggataga cttattggaa tttacaagac atacaacata acaaaaagtg ttgctgtaaa 180
 tccaaaagaa attgcatcta agggactttt ntanatgctn cttgcaaaac tactacnctc 240
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 nnatctnctn tntctacnnc nntnaccnct gnannacgtg acgnagcnct cnctnagatc 360
 antganactg antatntntc angatcatnt cacaattcnn nctctntngn acnnactgt 420
 angncnatca atctgctta cnanccaca ncngantggn cannontgng agaccncnc 480
 tttnnnangc caatgcnnnn ggatcacctt agnccntngt cctgcccgncc ctgtntctnn 540
 tnnngaaacc nnntcnttac tcccaatang nnnnatgcct ncnntntnctn tnancncgcc 600
 cntttaantn ccancnttctn ttggcnaggc cccanacact ggnnnantnn acttntntcc 660
 cccaanttng nggannggct nnnannnnaa nccnnnattt gnnncncaacn tnnnnccnnn 720
 ccngngcctn aatnccatnt nnnannnaaa nnaaanaacc n 761

<210> 2799
 <211> 698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 2799
 gnntnnnnnn ttnnnncacg ctcttggtct ttttgcagga tccctcgatt cgaattcggc 60
 acgaggcaca agccactgtg cccggccaat actgcanaat attttaaaaa gttaaaatta 120
 tctcttctgg ctggctcatag tggctcacac ttttaatccc agcacactgg gaagctcagt 180
 cagaaggatt ccttgaggcc aggagttaa gatcagtctg ggcaacacag accccatata 240
 tccaaaaaaa taaaaataaa taaataaaac agttatcagg ctgggagtgg tggctcatgc 300
 ctgtaatccc accacttttg gaggctgagg caggcagatc atgaggtcaa gagatcaaga 360
 ccagcctggc caatgcggtg aaacttttgt ctctactaaa aattcaaaan ntaaaattag 420
 ccagggtgagt tggcgggccc ctgtaatccc agcccgttg ggaggetgag gcaggagaat 480
 tgcttgaatc tgggaggcga agttgcagtg agttgagttc ttggccactg cactccaacc 540
 tgggtgacaa gagcaaactc atctatnaaa annaagacac tnagcttnat agttntgaga 600
 tatcttttagc atgtnttatt tccaatgtta gaaaattatc tttgntattg tcatttttgtg 660
 gtgatactna gctctttgct ctgatactat aatgngct 698

<210> 2800
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2800

gtntangncn	gcactncttg	ntttgtgcnn	gatgcncgat	ntnngaattc	ggcacgagac	60
ctcttcttca	ttgttaaaat	ggaaataata	atactaccta	gctcgtggga	ttgttgtgag	120
acaacaacaa	atgagacaac	agagatctga	aactctgcct	ggccccctgg	atataccaag	180
tccacagtta	aattagcctt	tgttactaaa	tcattgtttg	ggtagaaaac	ctcagatttt	240
ggattttctca	agtgtctcct	ttctactgtc	caaaaggcag	aatgttattt	ttgctcgatt	300
ccattatgta	atatcctatg	aatttgaaat	ttcggaggag	gcacagcatg	gggctgtgga	360
aatgggtgcag	gtatctgcat	ccgaaactcc	gaagttgtgt	ggggagggtcc	tctctcctga	420
gcccagaggc	aaaaagctgc	tcccaagaaa	tgatctttat	gccccacagt	ccaaagcccc	480
acattaaaca	aagtctcaag	acaagaaggc	aatgtgacct	tggcccccat	gttttgtttt	540
gacttttaaat	ttcaaaataa	tatcattgtg	ggggggctta	tagtttttaa	cagctgaaag	600
ttatatagac	agaaaaaatg	ctcaatgagt	agaaaangga	aaaaccttac	ttttaagaaa	660
acgtgattaa	tcaaagagat	attatgcttg	acctcaggcc	atcactttga	actctgncac	720
tggnatgnaaa	atggcttncc	a				741

<210> 2801
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2801

gggnntntan	tatcagctct	tggttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagcctctga	tcatacaagac	atggcagaat	aaaaagacaa	gtcacaggct	agctgaagat	120
atgttgcaata	cataaatcca	gcaaagactt	atatccagag	tatataaaga	agttctgtaa	180
atcagtgaga	aaaaagacaa	accccccaat	taagaatagt	caaaagattt	gaacaggcac	240
ttcacaaaag	gggggtattg	aaatggccaa	taaacacata	atcattactt	atcacagaaa	300
agcaaattaa	aaacagaaaag	agataccaca	acctcctccc	cagaatgtct	atatggaaac	360
aaatgtcaat	accagggttt	gaccaaacc	aactggaact	ttcacacatt	tttgctaaag	420
tgtaaaactgg	tacaacctct	tcagaaaact	gtttgacaag	atttttgttt	ttgtttttat	480
acagttaaac	acttaactta	tgactaagca	ttctgtcct	aggtatttac	ccaagagaaa	540
tgaaaatgta	tccaaacaaa	gacttgatca	agaatgtcac	agcagcttta	ctcaaaatcc	600
tacaaactag	aaagaccag	gtgtccacca	ataggagaag	ggaggaaaaa	actaaaacca	660
ctttggtgna	atctctgcca	gtaaggaatg	aattactcgt	gcgtgtacaa	tatggatgtg	720
tcaaaacaaa						730

<210> 2802
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 2802

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gtaatagcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggcag      60
aagagcagac atggcagatg cttttctatc ttggtgttga tgcttttacgc aagagttttg      120
agatgaccgt ggaaaaagta caggggtatta gcagatttga acaactttgt gaggaatttt      180
cagaagagga acgagtaaga gaactcaagc aagaaaagaa acgcaaaaaa cggaagaata      240
gacgaaaaaa taagtgtgtg tgtgatattc ctactccctt acaaacagca gatgaaaagg      300
aagtaagcca agagaaggaa acagacttca tagaaaatag cagctgcaaa gcctgtggca      360
gcactgaaga tggtataact tgtgtagaag taattgttac caatgaaaat acatcatgta      420
cctgtcctag cagtggcaat cttttggggg cccctaaaat aaagaaaggc ttatctccac      480
actgtaatgg tagtgattgt ggatattcat ctagcatgga agggagttaa acaggttctc      540
gggaggggtt ggatgttgcc tgcactgaan gcattttgtaa tcatgatgaa caccgtgatg      600
actcttgngt tcatcactgt gaagaccaag angatgatgg tgatagttgt gttgaatgtt      660
nggccaatct gaagagaacg acccanaana aaaaaannnnn nnnnnnnnnn nnnnnnnnna      720
aaaaaacctc cc                                          732

```

<210> 2803

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2803

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ggntcnaatg ctggctcttg tgcntnatgc aggatcccat cgattcgacg gagttgagtt      60
gctaactttt gtccttttcc tcagtttcca gatgagttta ncagtaaagn atgcttttcc      120
caggcncaaa ttgggaatgg aaatcaccta gntccgttcc ctctgacagc tgtaatccan      180
agagctnagc tgnttacttc attagctnng tataagctga cgacagcagc gcccttgctt      240
tatntttgac agagctagga aanaagcctt ctttgttntc gctgtaatca tagttaccct      300
tganctgaaa tatcttacat tnattctcaa gcaggtaggg agagganaaa agacattgag      360
aaaatnacac ctgaatgcct ggagcatgga agacattctg tccctagcct ttccctntg      420
antttgganc ctgngcccac tatgccccaa gactgagctt tctaaancat ntatngattn      480
atgttattnc nctccctana aggccttcag aggatctcca tggccntacg aagaacttca      540
gatccttanc atgctacaga actcancatg atcaggntc cttatttctc taattgattt      600
aaccacngat nctatgtgtc cttacattca gactcaataa nntncttaaa nttttcctgn      660
anaccaanna gatnctataa aggcctngagc cctttaaaac tanangnggt cgaattccgn      720
agnaccagaa nn                                          732

```

<210> 2804

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2804

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gaaannagct cttgtctttt gcaggatccc tcgattcgaa ttcggcacga ggcagccaat      60
tggaagaggt gacttctgtg agatggctgg ctggtgatag gactaagttc tcattgttca      120
aatagagctg ttcaacatca ctgaaacctt taagaaaagc cctgagatca gttattccta      180
caagtttaag tagtagacag atactatcca gctctaaagtc tcaactgctc ttttatactg      240
tacttttttt ttgagacgga gttttgctct tgtagcccag gctggagtgc aatggcagga      300
tctcagatca ctgcaacctc tgccctctgg gttcaagcga ttttctgct tcattctccc      360

```

aggtagctgg	gattacaggc	atgtgccaca	acgcctggct	aattttgtat	ttttagtaga	420
gactggtttc	tccatgttgg	tcaggctggt	ctcaaactcc	cgacctcagg	tgatccgccc	480
cctcggcctc	ctaaagtgtc	gggattacag	gcgtgagcca	ctgcgcccag	ctatactgna	540
tattttaaga	agttccagca	tgttgcatct	ctgcatttat	cctatatcat	taaaagaaca	600
taagttatca	tggtgttggg	taaattagcg	aaaatcaacc	ctttctaagt	ttaagggaaa	660
aagtattttt	aaaaacaact	taatnaaaac	ttacactctt	ttattacaag	aatgtatttc	720
ccttaaata						729

<210> 2805

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2805

gcatgtggct	ctngnctttt	gcggaccctc	gattcgctgg	aattagtggc	ttgctgataa	60
tctcatttta	taatttggtc	agcaatccag	cangaccaac	tttttaaaaa	aattaataac	120
agtagtttta	tgaaaactaa	gtaagaaaac	agtttccacc	tatttctgag	gtctccttta	180
gaaggagtaa	cagacagctt	ttattttctc	taaagttata	aaaatcacaa	tcgcaagtca	240
caatgaatac	tggaagggga	aattactttt	gcagagtgat	caagtaaagt	atagcggggg	300
ctaaactttt	ttagtaaact	tgtgaagatt	acatacagta	aagtgcataa	atcttgagtg	360
tcaattcaat	gaatttttat	aagtaaacac	actttgagag	caagcatcct	aagactccac	420
ttcctccaga	attagctgat	gttcaggcat	aaggttgttt	acaggtgaat	tcattgacacc	480
tttgactctt	ctactgnctc	agaccttagg	taacatacct	gcagctgctt	ttctaacaaa	540
ctgttgatca	gcaaaaaata	aggggctaca	gaaacactca	ttttatgctg	gtcctctttg	600
ggcttcatgc	caagacaatt	ctngngtaaa	tgtncagttg	actctgattt	ggnaatatga	660
aatcaagtc	catccttggg	attaaaaaat	tttttacaat	tgnaattatt	attgatgggc	720
atattgggn						729

<210> 2806

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2806

gcaaagnggc	tcttgttctt	tntgcaggat	cccatcgatt	cgncggcggc	tctggctgcc	60
cggcggtnga	gagcatggac	tctccagggg	cangtnnggc	gcctccggag	ttaccggagc	120
ggaactgcgg	gtaccgcgaa	gtctnntact	gggatcagcg	ctaccaangc	tcagccgatt	180
ctgcccccta	cgattgggtc	ggggactant	cctccttccg	tgcctncta	gagccggagc	240
tgcggtcgga	ggaccgtatc	cttgtgctan	gatgnnggaa	cagtgccttg	agctacganc	300
tgntcctnng	angetnccct	aatgtnacca	gtgtggacta	ctcatnantn	ntngnggctg	360
ncatgcaggc	tnnctatgcc	catgtgccgc	agctgctctg	ggagaccatg	gatgtgcgga	420
anctggactt	cccaatgctt	cttttgatgt	ggtntctgan	aanggcncgc	tggatgcctt	480
gatggctggg	gaacgagatc	cctggaccgt	gaactntgaa	ggngtacaca	ctgtggacca	540
aangttgagt	gangtgagcc	gtgngnttgt	cccatgcagg	ncnnntatn	ncantgacta	600
catgctggcc	ctcgttttat	gggccnaacc	tntgcccaag	mntattatgg	ataggaccct	660
gaagcatgct	acctattggg	aatgggtttc	acnttccatt	gnnacctca	tgctncaaag	720

gccggtaaag cttnaaacn

739

<210> 2807

<211> 728

<212> DNA

<213> Homo sapiens

<400> 2807

gaaagcagct	cttgttcttt	ctgcaggatc	ccatcgattc	gcaaaaagtt	aaaattttat	60
ttttctctca	tgtaacattt	tggataattt	gatgattccc	taatgttggg	accagtcctt	120
ttctgtctta	ggctcacaac	tatccttgag	cctgtgtcat	gggggatgac	tctgaagctg	180
cgtgcaccct	gttcattcac	attttcttgg	cctgaactta	gtcactaggc	tattcctaac	240
tgcaagagaa	gctggaagat	gtagtcttcc	ttctgaccag	ccatgtgtctc	aaccacaaat	300
tgagtttcag	ttattggagg	gcagaaagaa	tagatatggg	gctgctttgt	aggctgctgc	360
tcggggcagc	ctctgctgtg	ttatttgaga	tttataattt	tccttggcctt	cccagatgac	420
agtggaaaaa	ggcatagtca	agacttcaag	tgcggaaaat	gttggcaact	ctgacatgca	480
agttcttttc	catatagagc	tgagttatgc	tggagtattt	tggttacaaa	gacttcattt	540
tctcacctgt	ctgaattcct	gtttggattt	tagttactct	tgatttatca	gcatggatta	600
aaaattgaaa	agacttggtg	ttttaaaatt	atatctgaaa	tggcagagac	agcatctgag	660
gattcctctt	gctactataa	ggaatgagta	attagtttga	tttttcttta	aatccaaata	720
aataagat						728

<210> 2808

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2808

gnaaancagc	tcttgttctt	tntgcaggat	ccctcgattc	gaatcggcac	gagacanagc	60
atatgtacca	acaatgcatg	tttatattct	gtgccatgcc	aggggcaaat	tcatagttagg	120
cctgtttcca	taagtgtggg	gatggaacct	tgaaacacag	gacatctcat	aatgctgtaa	180
gcagggacca	ttgaaattga	ttcctagagt	cttgttctac	aacttcttta	aaaattactg	240
atttgacagc	agtatgtatt	caacatttta	gactttctgn	ctaattttga	gcatacatte	300
ttgactaang	ctagcaatta	gagattcttt	ctttaattta	tcagatatct	attaattgtc	360
tacttttgag	tgggctctgt	gcaaggcgct	aaaaagccag	ttactggggg	tctgttcctt	420
aaggatcctg	anaattgagt	tgctaagaat	taaatcagca	ggcgtgcaat	atgactgtca	480
aagcttgacc	cctgcttnga	ttccctttgt	tganacaggt	tcttatagga	cctggattct	540
caccacatcc	tctgggtctgt	ttaaggggaa	acaaagggta	agctcaactc	tgtgtccagg	600
agtaccttat	agtccctttc	ccttaactgn	gtcnggttca	acttgatcca	agatcaggga	660
ttagtacaag	ctttgtaaaa	aaaaaaaaagg	tttatttttt	accaaaaata	ganccagatg	720
ccctttggaa	ggtaaaaagn					739

<210> 2809

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 2809

gcnatgcttg	gctacttggt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgagga	60
gagacagtga	gagagacaca	ccatggggcc	tgatatggag	gcacttacgt	ccaccaatgc	120
tgtaacattt	gcattcggtt	acaccctttc	attaatttat	taaatcattc	tccagtgtaa	180
cttctgtaga	attcccagtt	tttgctttta	tgaaattctg	tagttgatga	acctcagatt	240
ttacaagtaa	ttgaacttaa	ctacaggaga	aggaggagaa	gaaggtggag	ggaaaggaca	300
agaaaaaaaa	gcaagatata	actttttttg	gttccccctc	tttaatat	tttctaaaat	360
tcatacta	aaatacaatc	atttaaaaa	gcaggtatct	aaaattacat	ataaactggt	420
ccttcgagta	agtcagagaa	tgctatttgc	tcattgttaa	ctgtattttt	agtatcttcc	480
aaacaaaatt	ctcttttatca	aaattatcat	ttgcagcttt	tctaggtagt	ttccaaagtg	540
gatgcacgct	tatggttggg	aaggatcctt	cttgacaaag	ctttcacact	cagaaactac	600
tatcaaagtc	agtcaagcac	aggaagaaa	aatacactga	tgacccgagt	atgctgaaat	660
aaaagaaaca	taaggngctg	ctgtctgaat	tcacactgga	gtttctttca	ctggtgtcaa	720
gtggtggtaa	cctatc					736

<210> 2810

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2810

ggatctagct	ctgntctttt	tgccagatcc	catcgattcg	aattcggcac	gagcattagt	60
atttttgtga	tttcattttt	tacacttaaa	tattgattca	tgtggaattc	actttgatgc	120
aggggtgcagt	agggctccag	tttaattttt	ttttagattg	ctactcagtt	gtttcagtag	180
tgcttagtga	ataagccatc	tttattatct	tgagatgtca	cttttattat	gtactgaatt	240
tctctgttta	tggtgggtct	ttagctgtac	tatgtggtct	cttccattga	tttgtctttt	300
actgggctgt	gtcactactgt	ttttaattat	tgtagtgtta	tatttttagta	tttgggtgagg	360
ctagaccctc	ttcaattaac	ttttgcttta	ttttttccaa	aggaaattta	ggagccggac	420
acatatgtgt	gttcattgtat	tttcattggg	aatgcattaa	atatatagat	taatttaagg	480
gatcattggc	actttttgtga	tggtgagtat	gtctgttcag	gaacatggta	tngcttttcc	540
atttattcaa	gtctttcaag	tatttttttg	gagcatttta	aagttggctt	catatagatt	600
tgnatattnn	ctttctgnga	aaccaataga	ctncaaaagc	tttantggct	tatggcaacc	660
aaanggttaa	tttctcattc	accgttacat	gccacctgta	ggtcaatggc	agccctgctt	720
atggttcgat	gn					732

<210> 2811

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2811

gtaanntnnn	aatancangc	ttgttcttta	tgccagatcc	catcgattcg	aattcggcac	60
gagatccaat	atttattgag	tgctctattag	gtgccaaagca	ccttaatagg	tcctatggat	120
ttgaaatgcc	gtccctgtct	tagatctcac	ggctctactgg	aggacacaga	gaagtaagca	180
ggcagttgca	gtacaatgta	acactgagtg	ctgtctgtgt	atgatgctga	ggagggaggt	240
tagcctgagc	cggggaagcg	gagcttgcaa	tgatcggaga	tcgcgccact	gcactctagc	300

ctgggcaaca	gaacaagccc	ctgtcttaaa	aacaaaacaa	aatcttcaga	gcaggcttaa	360
aaaaaaatct	ccctagggga	ataacaatta	cctgccttct	gtaatcatgc	atgtattggt	420
acaatgaatg	ttacaaagt	ggttacgtga	tggtcatggt	tttaaactga	gttattgtca	480
ttttcactca	gattctgcca	cagtaattct	gaaaggggtt	aattgaaaat	attttctttc	540
tcagtttact	cgtttactca	ttcattcata	taaaaaaatt	gcttaaaatg	tcaatcatcg	600
gctagacccc	atacccaaag	ccaataactg	gcctcaagaa	tttacaatct	agtgagggaag	660
acatgttttag	acaggcatta	aaaaacccaa	cctagcacca	agctatgtag	aactcagaga	720
accattnatt	gaagt					735

<210> 2812

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2812

aaacaagcag	cncctgtaa	anccctcnnt	gcnggaccca	tcgttcgaat	tcggcacgag	60
gacatacgag	aagaaattaa	atgtgacttt	ttattttaag	caaaacaccg	aattgctcat	120
aaaccgcatt	ccaaaccaa	aacttcagat	atttttgaag	cagatattgc	aaatgatgtg	180
aaatccaagg	atgtgctagc	tgataaagaa	ctgtgggcnc	gacttgaaga	actagagaga	240
caggaagaat	tgctgggtga	acttgatagt	aagcctgata	ctgngattgc	aaatggagaa	300
gatacgacat	cttctgaaga	ggaaaaggaa	gacgtaaca	caaatgtgaa	tgcatgcat	360
caagtaacag	actctcatal	tccttgnat	aaggatgggtg	caggtcagaa	ccattcaatg	420
gncaagtga	tagtcagntg	aacnggtcag	tgaatgggtc	caggctctac	ccagtgatga	480
tgatgatgat	gatgatgacg	acgacgacga	ccacattgac	gacgatgatg	gngatacgcc	540
atgangcttt	aagggttgga	gaaaattcta	ttcccacaat	ttattttcac	atactggtga	600
ccctaanagg	gncccaaata	aaaccgggaa	gaatcccnct	ttnaaaaatc	cctggnaagg	660
aaggaagaaa	gccnaaccgt	aancnaaaga	acaanccctg	gcaangggca	cttntggccn	720
agaactggcc	gaccaatnan	gncg				744

<210> 2813

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2813

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acgaaatagt	gacatgcact	tattagatnt	ggaatctatg	ggcaaaagt	cagatggaaa	120
gtcgtatgtg	tattacgggg	agctggaatc	caaaatcccc	acattttcaa	gttgtaaagt	180
aagaaactcc	taaagataaa	gtcctgttta	tgaccacagc	tgtagatttg	gtaataacag	240
aagtncanga	gcctgtncga	tttctcctgg	agacaaaagt	ncgcgtntgc	tcacctaatg	300
aaagattatt	ctggcccttc	agcaaacgta	ntnctactga	aaattncttt	ttgaaactaa	360
aacagataaa	gcaaagggag	agaaagaata	atactgacac	tttatatgaa	gttgtntgct	420
tggaaagtga	atcagaaaga	gagaggagga	aaactacagc	cagtccttca	gttcgcctgc	480
cacagtctgg	atcgcaaagt	tcagtgatac	cttctcctnc	agaagatgat	gaagaggann	540
ataatgatga	acctctnctg	agtggatctg	gtgatgtatc	caaagaatgt	gcanaaaaaa	600
ttctttgaaa	catggggaga	actgttggtca	aaatggcatc	ttcaacttgg	aatgtgaaga	660

cccgaancan gttggcattc cttagtnagg aaaccgtgtn cettgaagct cttcnangga 720
gaagtctngc cacctgcttn ccangg 746

<210> 2814
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2814
ggnnnttnaaa tncagctact tggttcttttt gcaggatccc atcgattcgg gagaccagggt 60
gggagccact cacagaaatc agtaacatga aaaccacagc cacaaaacca ccactgtcac 120
tcaacgccc tcatcacggg caggacagtt ctacatcatc tccctccggc ctgaggcttc 180
ccaggcagtg tgggaagggg ggctgcatct cctggctggg gttcacacct aagtttcctg 240
aggtccaagc tgacctggaa agttttctagt gagtggcaca tcctgtccca acaaggggaa 300
cacgggcagg atgtgcctgc accctgggaa aagtgttgtc tccgcacacg gggaagaagt 360
tgtctggggg acagaggagt tccaggtagc aaacacaggc tacaggggcaa gggttggaag 420
aggctggcag ctggatgtga gacagccagg tgggaagggg tccccaggcc cctccagccg 480
gcctgtgcac tgggaggggt gcacactggg gtggagccca cagaggttg tgccatttgc 540
ggcggggaga acctgcctc ctcttcctgg gtggaattca atctgtgagg cangaagccc 600
atggcaggaa acacactatc ttgctttgct ganggtctct atttcccttt ttttttcctt 660
tttgcccaat aaatcccttt ttctacttct tcaaaaaana annnnnaaaa aaacttgagc 720
ctntaaaat 729

<210> 2815
<211> 711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 2815
caagctcttg ttctttttgc aggatcccat cgattcgctc tcactagccc tgggcacttc 60
ccactgcctt tgttgacttc tgtttgctct tctgtagaat gggataacag tgccagtcct 120
gcttactatt tagggttatg tgatgcttgc agatgtacag ggaaagcacc gctgatggga 180
gctgctgaag tttctagggg aggtgaaggt ggcgcctcct cccctggtct aagtggtaga 240
tggtgcaggg agaggagaat ttcattctgt ggcagcagct gatagattcc aggtctttaa 300
tactacctgg gaaaccttaa caaagcagtc agtcaccaa actgacctag cttctgagca 360
ttgctaacca tgctttttaga gaaacaggag aattgcttga acccaggagg tggaggttgc 420
agtaagccaa gatcacacca ctgcactcca acctggacaa cagagcgaga ctccatctca 480
aaaaaaaaa attgtgttgc ctcatcagaa atgtatttgg ttttgttgga gagtgtcaga 540
ctgatctgga agtgaaacac agtttatgta cagggaaaag gattttatta tccttangaa 600
tgtcatccaa gacntanagc ttgaatgtga cgttatttaa aaacaacaac caagaaggca 660
gaccnggata tactngaaaa aggatgcttt ttttttttta ctccctctaa c 711

<210> 2816
<211> 739
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2816

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tgtgccataa	attacagtga	cctttaaaaat	ctcgcttggt	cactgctgaa	tgggtgagaa	120
taggcttggt	tccagttttt	aaggtcacac	tgccctaatt	tgcaatgcat	cacaccatgt	180
actaagttgg	taacaaccgc	ttagaggaaa	gctttcggtta	tgcaagggag	aacatcaaaa	240
agggcactta	tcccaaatga	atgcagcaat	ttaaaccaa	gatgtttacg	cagggcaaga	300
acaaagtaag	gcaggagttt	ggggtcaact	aggetgatgt	ctttgaacac	ccatgagctc	360
actggaaggt	ctgaatatct	ggtggccgat	gggctcgggg	tgtctcgtca	ttgcttagaa	420
gcgaaaatta	aatgctgagt	tatgtgggtg	aaaatatgta	tgtttgcaat	tacacatgga	480
atgtaaacca	aagatacaat	tctaagcccc	ctaaccacta	aatggatccc	tnctctcagc	540
caagggcatt	ccaaagttaa	cctgaaacac	tagttcangc	tgtgatggaa	atgagtgggt	600
gggacatgcc	ttcatggaag	gaattcagac	acaactgaac	agcatgaaca	ttcaaacngg	660
agaccttaag	tctacaaaac	cagactcttt	gtagccatta	agatgcttga	tatgacagaa	720
aggccctgaa	agcaatana					739

<210> 2817
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2817

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cacgagagta	aattcagtgt	ttctgttgcc	gaagagtgtt	tattgggttct	ttcactttca	120
tttcataggg	ccctttcttc	tactggcatt	ctcactttga	attactaaga	agtttcttct	180
aatatccctc	tatctccttt	ttctttctag	ttttagataa	agctgtcaaa	agaacagtta	240
tcatagaaat	agaaacattt	aaattaccgg	cacgatagct	tatttcttgc	tgcaaccatt	300
cagaatatct	atttgtcact	gccttggttg	ctttgaagtg	aaactgtgct	tagatataaa	360
aagtttaaaa	ctcactttga	ttacatgtta	agctcacagt	ttttacactg	cagttcctga	420
atttagttcc	atcaaaactg	tatgactagg	ccacatgtga	tggtcatgc	ctgtaatccc	480
agcactttgg	gaggccaagg	cgggcgggatc	acctgaggtc	aggagtgtga	gaccagcctg	540
gccaacatgg	tgaaacctg	tctctactaa	aaatagaaaa	attagctgga	tgtggtggtg	600
cgtgcatgta	gtcccagctc	ttggggangcc	cagcaggaga	atcacttgaa	cccgaangt	660
ggangctgca	ntgagccaag	aatgcgccac	ggnactntac	ctgggtgact	ncatctcaaa	720
aaaaaaaaaa						730

<210> 2818
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2818


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ggnttttnatc agctctttggt ctttntgctg atccctcgat tcgaattcgg caccgaggcct      60
tttgtgggggt ctcatacata actcagtttc cacaaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcttttgcg gaccaggggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360
acttttttaga tccagcacca aaggcaggat ccaggaaaga aataattgat aagctggact      420
tcattaaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc      480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa      540
atatacaaag aattttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagtg      600
ggccaaagat cttaaagtac gcctcaccaa agaagatncn cagatggcaa ataagcatat      660
gaaaagatgc tncgggctgg cacngtggnt acgcccgtaa tcccacactt tgggatgcca      720
aggcagn                                           727

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<210> 2819
<211> 730
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

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<400> 2819
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gtcagaagcc gctatgcttc ctggacagct tgcagaacca gtattcactg actgctgaaa      180
ctagagcatc actgagaagc aagagataga ctgacctaac tagagggaga gctgccatcc      240
aggatgatgc caccatcaca ggagggtgaga aggaacacag catcttctgc aaatgctaca      300
gtaaataggg acgggggtgca gcaatgtgag gaaagtggaa tgaacttgga ctttgaaggc      360
aaactaacct ggaatcaaat actggctctg ctgtttgcaa gtgtgatctt tgggtatgct      420
tcctaatactg tgagcttcaa ctccctcttc tgtaaaccaa gatcaaagac aaacagggaa      480
acctacttgt ctggtgceca tccccttggc agaacactcc tctgaaggat gacagtttgg      540
ctgtgccagg gcagantctn cgacacccaaa tgagccttca tagcaactat ctgatgagga      600
actcactggc ctacctttcc ttgacagctn gggcctgcca ccttgaagca tgacttcaca      660
acgnccctac ccaanggcac ggangttgct gctgatgagc aactgggtat atttaatcca      720
ggttctgctn                                           730

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<210> 2820
<211> 727
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

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<400> 2820
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tttgtgggggt ctcatacata actcagtttc cacaaagctg tgccccagct cagccctatg      120
gatagaagca tgggtctgggg ttcttttgcg gaccaggggtg tgtgctttgt ccaagttact      180
gaccttccca aacctcatca atgcacataa aaagagcact tgcaaacaat gaatctagac      240
atggaccttc acaaagaaat aactcaaaat ggatcccagg cctaaatgaa aaatgaaaaa      300
ctataaaaact cctagaagat aacataaaaag aagatctaga tgacctaggg tttggcaatg      360

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acttttttaga	tccagcacca	aaggcaggat	ccaggaaaga	aataattgat	aagctggact	420
tcattaaaac	gaaaacttct	gctctgtgaa	agatgctgcc	aaaaaatgaa	aagacaagcc	480
acagactggg	agaaaatatt	tttgatggaa	atatctgaga	agagaggctt	ggtatccaaa	540
atatacaaag	aattttctaaa	actcaataat	ttgaaaataa	acaacccaat	ttaaaaagtg	600
ggccaaagat	cttaaatgac	gcctcaccaa	agaagatncn	cagatggcaa	ataagcatat	660
gaaaagatgc	tnccggctgg	cacngtggnt	acgcccgtaa	tcccacactt	tgggatgcca	720
aggcagn						727

<210> 2821

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2821

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atztatatgt	gccagtgtgt	atcatgctga	atactttatc	tggatgggtg	tatattatcc	120
ctcctataga	ctattgagtt	gagtactgtt	attagatcca	ttttacaaat	gaggaaacta	180
tggagagatt	aagtaatttg	cccaagatcc	cataataaga	aggcaagtgt	cgaatgccag	240
gcatttctaac	ttcagagtcc	atagtcttaa	cccttgtgct	attctcttcc	acaaatacac	300
ccagcaggta	aaagactgag	aaaaataaat	atcaaaaagt	accttttgaa	attgactaca	360
tgaagttacg	aaaacctgag	ttgtttttgtg	aaagcgggtga	gtacaaagca	gtatttttga	420
gaggggttgtg	caggggaatcg	gagatgaagc	tgtgtgctga	aaaggagaga	agaaattaga	480
ggaaggggaat	ggtggcctta	cagagaaaca	gacttgaaagt	gatgtgaagt	gtttgcgctg	540
ggtgaatgct	ggcaggaata	agtgagcagg	gagcgagtga	acaggataag	agagatcact	600
tcggagtaaa	gccttgaaaa	gggagtgtag	gagggaagttt	ttctcccttt	nctgcaccc	660
tcctttgngc	gtaaaataga	aatgtcttcc	ttctgaagga	ttcaaagaga	atgttggtct	720
ttcttttcatt	ctc					733

<210> 2822

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2822

cgcatttttta	atncagctct	tgttctttnt	gcaggatccc	atcgattcga	attcggcacg	60
agggtttagg	cctccttcat	ctgttcattg	gctgtggcat	taggccagct	actctttgca	120
cttctgtnaa	gtgagacgg	cgatcttgct	tgccctctcta	gaggatggct	gcagggtgca	180
aatggggttag	ttaggtggga	nggcatttca	caaagttaaa	aaatatgact	ttggaggctt	240
gttatattga	tgaggattat	aatccctgag	aattcctgg	atgaaaaagg	gaaaagaaga	300
taatttgtga	aagaaataag	tgtccagtta	ctagtctttg	aaaaggggtca	gtctgtagct	360
cttcttaatg	agaataggca	gctttcagtt	gctcagggct	agatttcctt	agtgggtgat	420
ctaatacacag	gaaanattgt	ggttcctccc	agtctctttc	tgggggaatn	gagccactt	480
ctcatttcat	ttaattagat	gaaatagaac	tcaaagtaca	atttactgtt	gttnnacaat	540
gccacaaaga	catggttggg	agctatnctt	tgaatntgtg	aaaatgctgc	tttgtgtgct	600
cataatgggt	ccaaaaattg	ggtgctngct	aaagagaaga	tactgttaca	gaagccaccn	660
ngaagacctc	tgttcattca	caccccccg	ggtatcagga	attggcttcn	agnnggtgtgc	720

caaatccngt ttgcctatn

739

<210> 2823
 <211> 730
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2823
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 atgtcctgct atacaccatc cactgccctg ccccttaagc ctcacatctt tcactctctcc 120
 tagttccaac ccattggtctc cagacgatga ctctgcctcc ctggtctggt agcattcaca 180
 gattgccttg tttagtagcc ttccacatga gatccacttg acagcccttg tcctcacccc 240
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 ttcttcacct gcaggttcag gtcaatgctc agccggggac tcgacagggg tgctttgcag 360
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 tgccttggcc tccccaaagt ctaaaactttg tctcctcaac tcagaaagtc ctctgggctc 480
 tgtctgggct ccccttccct gtatgtggaa ttaaactctc ctgcangcag gaagtggggg 540
 caatcctagg gctcactttg ttatcttccc atctctcagg gatcactgtc ctgatgtcta 600
 ttgnccctga aaccgntgtt tcattttttt tctngnnntg gtttaaacad tattttttca 660
 ngtgggangg taaatcagct ttgntactnc atcttggtcg gaaattcata accnaagggt 720
 aactgtttta 730

<210> 2824
 <211> 739
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2824
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 cccagccgc cgccatgaag gccgnggtgc agcgcgtcac ccgggccagc gtcacagttg 120
 gaggagagca gattagngcc attggaaggg gcatatgtgt gttgctgggt atttccctgg 180
 aggatacgca gaaggaactg gaacacatgg tccgaaagat tctaaacctg cgtgtatttg 240
 angatgagag tgggaagcac tggtcgaaga gtgtgatgga caaacagtac gagattctgn 300
 gtgtcagcca gtttaccctc cagtgtgtcc tgaagggaaa caagcctgat ttccacctag 360
 caatgcccac ggagcangca gagggcttct acaacagctt cctggagcag ctgcgtaaaa 420
 catacaggcc ggagcttctc aaagatggca agtttggggc ctacatgcat gtgcacattc 480
 agaatgatgg gcctgtgacc atagagctgg aatcgccagc tcccggcact gctacctctg 540
 acccaaagca gctgtcaaag ctcgaaaaac agcagcagag gaaagaaaag accagagcta 600
 agggaccttc tgaatcaagc aagggaagaa aacacttccc gaaaaggaag accgcaatgc 660
 cagcaacggg gctnaaggcg acgttgtnct tttgaacggg aaccgtaact naangangaa 720
 naattantnt gttattaat 739

<210> 2825
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 2825

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ctgtgtccag	cgtcctcggg	tcaggggaaa	tgttttgggtg	ttcatgagta	gtatgtcccc	120
cagtgcacca	ttgtgtgggc	gtcctcatgg	ggtatccatt	cttctaggaa	gatcctgggg	180
ctgtttccag	ttcgaagcca	ttattaataa	agctgcaagg	aagaaatatt	tttatggatg	240
tgtgttttta	tatctctgat	aaatatattc	aactggaatc	attgggtgta	ttgggccatt	300
ctcccatatg	caaaaagaaa	tacctggcca	ggcgagtggtg	ctcacacctg	caatctcagc	360
acttgggtgg	ctgangcagg	tggttcacct	gagggtcanga	gttngagacc	atcctgacca	420
acatggcaaa	accccatctc	tactaaaaat	acnaaaattg	gctgggcccgt	gggtgtcagg	480
tgctgtaat	cccagctact	tggaagactg	angcaggaga	ctcgcttgaa	cccaggaggt	540
ggangttgca	ntgagccgag	atagcaccat	tgcactgcan	cctgggcaac	aagagccaaa	600
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ttttttaaaa	aaaagccctt	ttgaacn				747

<210> 2826
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (728)
 <223> n = A,T,C or G

<400> 2826

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acatgtttgc	cagcacccgtc	tcctccaaaa	tcttgccgggc	cattgcctta	aaggaaggtt	120
ttcattttga	ggaaacatta	actggcttta	agtggatggg	aaacagagcc	aaacagctaa	180
tagaccaggg	gaaaactgtt	ttatttgcac	ttgaagaagc	tattggatac	atgtgctgcc	240
cttttggttct	ggacaaaagat	ggagtcagtg	ccgctgtcat	aagtgcagag	ttggctagct	300
tcctagcaac	caagaatttg	tctttgtctc	agcaactaaa	ggccatttat	gtggagtatg	360
gctaccatat	tactaaagct	tcctatttta	tctgccatga	tcaagaaacc	attaagaaat	420
tatttgaaaa	cctcagaaac	tacgatggaa	aaaataatta	tccaaaagct	tgtggcaaat	480
ttgaaatttc	tgccattagg	gaccttaca	ctggctatga	tgatagccaa	cctgataaaa	540
aagctgttct	tcccactagt	aaaagcagcc	aatgatcac	cttcaccttt	gctaattggan	600
gcgtngncac	catgctgcacc	antgggacag	agcccaaaat	caagtactat	gcagagctct	660
gtgcccacc	tggggaacag	tgatcctgac	agctgaagaa	ggactggatg	actggcantg	720
cttttgna						728

<210> 2827
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (729)
 <223> n = A,T,C or G

<400> 2827

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cgctacatca	gctcagactt	ggctgtgggt	ntncccttgt	gaattgttgt	ttccacatgt	120
gtgttgcttc	atTTTTggct	ctccgttgtc	cccacacact	tcccgtctca	ccataggggt	180
tagggatatt	tgtgtgtgt	tcaaatagaa	catgaaagaa	gcctttttaa	agtatttctg	240
tgcctattca	cagtccecta	aattttatta	cagtttttac	gttgggttaa	agagtatttt	300
ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	ttttaaaaaa	360
tgaaattcta	ggaaacaaat	attatagact	agtttagatg	caaggagaac	aggagtttta	420
gaactaactt	ttaatctcca	taggtactag	ttgtctggac	tagctgagtc	atttcacctc	480
agtaataact	ggtagtgtgt	tgaatagcag	atcttgcatt	cacagaacac	agcccagtac	540
ctgcatgtga	caggcacttt	atTTTctggt	aaagtttaagt	acagttgacc	cttgaacaat	600
gtgggggtta	ggggaaccaa	ccttccacac	agtaaaaaat	ctgggggtgaa	cttttgactt	660
cccaaaactta	acttctaaca	gcctactggt	tactggaagc	cttgctgatn	acngaaacag	720
tcaattatc						729

<210> 2828

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2828

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tcacctcatt	ggtaaaaggg	tagagccttt	cttttttatg	gcacttcttt	ttttgagata	180
gggtcttact	ctgtcaccct	ggctagagta	cactgggtaca	atcacggctc	aatgtaggct	240
taacctcctg	ggctcagggt	tatgtcacta	tgcccgggcta	ctttttgtat	tttttggtag	300
agacggcttc	gccacgttgc	ccaggctgca	agcgatatgc	ctaggctcaa	gcgatctgcc	360
cacctcaact	tcgggaagtg	ctgagattac	aggtgtgagc	cactgcaccc	agcctttgct	420
ttatttttta	ttttttgaga	ggatatgatt	tttctagaga	ttttttotca	tggtacttat	480
tagatcagga	atgggtgatt	ggagattatt	agattctagg	ttaacttcta	ccactttacc	540
ctaatacata	aaactttttc	ctaaatnaat	gatggaagga	atnaannnna	ncnncnctn	600
nncnctant	acaaaancnc	tagcccttan	aacntttngn	nagctnnntt	nncctnnntn	660
tcccntnntc	nnnccccnnc	ctnnttntnc	cnnnctnnct	cnanccccac	nanttncnnt	720
ntnnnctncn	naatanattn	cncnctnnnc	tcctcannnn	ctnntcnnnn	ctcnn	775

<210> 2829

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 2829

tcttttatnn	gangttngga	agcncaggag	netcnntcgt	tcggacaaat	cacttaagga	60
gaaagtagaa	aaaaagctgt	atTTTTcaa	gaggatttct	aatcggcaag	acaatgacca	120
accattacga	ccaaccatta	tgagaatata	gcttagggac	gtttgtgctc	agctcctctt	180
ttacccaatg	tcaatgcctg	cctcagtgt	ttttcttctg	gaggagagtt	ttgtggatgc	240
catctttccg	ttacggaaaa	ccantggagg	aatgggcagt	ttnttgccat	gaccacccat	300
catttaaaca	antgnggttt	gagttcagaa	ataagctcat	atatacttga	attccatggg	360

ttaaataagc	cattgagtta	aagtgggtang	aaattaaaggt	tagaaaatag	aagaataggg	420
tgggcttggg	ggcttatgcc	tctaattcca	gcactttggg	aggccaaggt	ggaggatgac	480
ttgaggccag	gagttcaaga	ccancttggn	caatatgggt	aaaatncatc	tttactgaaa	540
ataccaaaaa	nattagatgg	gcatngtggc	ctgtgcctgt	aatcccagct	actacagaag	600
cttgatgccc	cagtattctt	tgaaccttgg	angttgaagt	tgcantgaac	ccaagatgcc	660
cactgnactg	ganctgggca	atgaagtngn	accctgnctc	aaaagaaaaa	aatnttaaac	720
aactn						725

<210> 2830

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2830

ctntnngggc	cntagnnngg	gctttcnata	nggcgggctg	gtngttctnt	ccgnacgatc	60
ccnncngtgt	cgcagngttt	tgagcagagc	aagtgcact	atcagtactt	aagcattaata	120
agaattgtcc	aatgaatggc	tgtgctgaaa	atataatnga	ggtaaagtaa	gctagaggca	180
ggggatttga	aatcaggcta	agagatgttt	gtggtttgaa	ttaagtggta	gcaggagggtg	240
ttaagaatta	gtcacattgt	gtatgtattt	tgaagggtaca	accaacagga	tttccaggca	300
agatagagt	tgatgtgaaa	aagaaagaaa	ggagtcagta	gtgactcang	agtttgtctg	360
agcatccgaa	gtgtggaatt	tcatacacatc	ctganagggtg	aaagaggctg	tangaggagc	420
aatatgtggg	aaagatcaga	agttcagttt	nggacatgcc	aaatattact	tggccaaatg	480
gttnggggtg	atgatnnggg	gatcntgagt	catccctnat	aaaatcggca	tgcanaatngc	540
ntttaaaaaa	ctccagactg	gntganatcc	caagttgttc	gattgnaann	acngngnnct	600
cntttgnnan	tgtctcncnc	tttaaaagcca	cttttgggga	aaccnacca	agggacantg	660
naccatnnnc	nnattccctt	gggnnaaccc	ccncnaaagt	aaattanacg	cnaggccntc	720
nntccanccn	ntcaaaaatnc	tttntctna	cntccancac	nctttttant	caaaaatttn	780
nctctccent	atannccnnn	ctnggcnnct	tttcnccanc	tttngggnan	ctntnccncc	840
t						841

<210> 2831

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 2831

cnnncnntcn	natgggnnnn	tgtanggnct	cctccaatct	cctggctgcn	cctgantcgc	60
ctaaacanaa	aggctggggc	gaattcggca	cgagattaaa	gttgaagcct	ntctaatttt	120
tgaaggttga	gcactttggg	tattcatggg	tttatatgac	gatcatcttt	tatccatcgc	180
tgagttatc	tattttgact	tgaattggag	gcagagctcc	accaccccag	tgtgtcgtct	240
gatttcccag	actanagtcc	agcctttcct	gtgcttgctt	ggcttccttc	catgtngctt	300
cctacccac	catctatacc	cttcacatcc	aaaatccaaa	acctcacact	catacgagaa	360
tcctgntag	ggtcggnta	tatttacaca	ctaaaaatct	ctaattttga	atttgttgtg	420
cctataaagg	aataccanga	ataccttaaa	gttataattg	attnattagc	atctatttta	480
ngtcatnctt	gggggantga	tggaaagaat	ccacatagac	tccaganaga	tggncnangn	540
gtttacctgc	ccagccttga	aacatttctt	ctttcctcac	annggatggg	ctctcccata	600

antaanttca	tngggccccc	naagctntaa	agnaaaaant	aaagtgtctt	tctcattttt	660
aaaaaanngc	aacctttgcc	tggtcaaaat	atgtccaatn	cgaanccccc	naaaatgttt	720
aaaaangcnn	tctntgggct	cnaaatggng	gttcaanggt	ncnnccctgac	ctgncnnttc	780
tgcnncnaann	catntccnt	cct				803

<210> 2832

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2832

tnngnggggtt	tgnggggctt	tcnaaatggn	gtcancgctg	gctntcngca	agatecccatc	60
gattcgaatt	cggcacgaga	gaaagcctta	cgtgtgtgct	gagtgtggga	aggccttttag	120
caacaggtcc	aatttgaata	aacatcagac	aacacacact	ggagacaaac	cctacaagtg	180
tggcatctgt	gggaaaggct	tcgttcagaa	atcagtgttc	agtgttcac	agagcagcca	240
cgcttgagag	aaacagtgtg	agaaaacccc	cctgaggggt	gggtctgatt	gtacactgtt	300
gcacgcattg	agcagaaaaa	tatgtatatt	attgtaaata	gaaatgacca	catcagaatg	360
tcacacattg	ctgtttctgga	gagggcctct	gagaaggcac	tgaatgaggc	gagggaccct	420
tcctacattg	tcaccatccc	cagtaaacct	tgggtcatta	ttcatactga	caaggaaccg	480
agtcaatttg	gtgaatagga	aaagccttct	catgaaaact	acaatagaat	actgttacca	540
aattcttcat	angaaagatc	atattatggg	aatgataatc	ctgttactgt	ggattaggta	600
tagtgccaac	agtttgaatg	gtaagacaac	ataatatata	tgatagtgat	gaaaaanaaa	660
aaaaaaaac	tcgagcctnt	agaactatag	tgagtcgtat	tcctanatcc	agacttgata	720
ggatccattg	ttnanttngg	caaaccncca	cttga			755

<210> 2833

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(883)

<223> n = A,T,C or G

<400> 2833

nngtggnntt	ngtgggcttt	cnaattccnn	taatcgctng	ctntccgcaa	catcccatcg	60
attcgagcaa	gtcagcaaat	gtgggagatg	gaaaactggc	ttcctncacc	cacctagggt	120
ctttggctgg	gtacaaaatt	aaatggacat	aaaatagatt	aacaggagaa	aaaacacagn	180
aattatgtgt	atatgcctgg	gagtcacaca	aaatatgaga	ctcaaaaagaa	gggtccgaag	240
aggggaagctt	atatagcccc	ctgagccaca	gaaaggaata	gggacctggg	gcttctgggtg	300
ggtgggtggag	acaagttatg	gaagagttag	gggaggaagt	gtaggggtgag	taaatgtgggt	360
cttgttatgc	ccataaaaatc	tcttgggtaca	tcacagntgc	ctggagcanc	cncagtcctg	420
atagagatac	tttactaatg	tagattttct	tgatggatat	cattgtgttt	tacaaanggg	480
cagcttttna	nagccactcc	tgtgtctgca	attttctcag	nataacccag	cccccaaata	540
ttgacaaggt	nttagtttgg	ggtgngnaat	atncctggcc	ttccctacca	ngttngcnat	600
ttttnggggg	gttgggtaat	ttgctncccc	gaagnccccc	caaaccacc	angnaaanaa	660
aggggaaggg	ggccaanntn	nnggggaaaa	tttttaaagg	naaatttttt	ccagggnattn	720
aaaaggccat	ttcctcnaat	tttttgggna	aanggggaanc	caagctnngc	angggnaang	780
gccttgggaa	ccaannant	nagnaaaaaag	gttnaaacct	ggcattttng	ggaaaaanaa	840
gncaagtttt	tggaaaaaaa	cccnnttgta	ncaanngttt	tnt		883

<210> 2834
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 2834

tggttnttng	gggggnnttt	ngntcgancg	ctntnngcct	ngtccngnecg	cngganccca	60
tcgattcgga	aatatacttc	cttaaatgat	ggncattcct	aaatccatct	aggaaatgttg	120
gatgtatcta	tctatctatn	tatctatcta	tctactgnat	taagcccent	ctcaaaaatng	180
tagggtcaga	agtatggacn	gataattcat	aatcaagttc	ttnttcttta	tgcccagaag	240
tctgnatnct	gcncagactt	gentaccctt	agctgcgcta	aagntcanaa	gnnttgagcn	300
gccactgaag	tattgactgt	ggagaggcgg	tgtatncctg	ttnccaatga	ngngcctttc	360
tgtccaggat	nagccttate	ggnanttncn	cnaggaagtt	gcatngcntt	cagtccattt	420
nnggcttana	gccncncggc	nncncacgtg	ttccttattt	gttttgacgg	agnggtcntc	480
nngctcnatn	tctttacnct	gattctgctn	tttcatcnan	gtgnnccttc	ctcannntta	540
ttnagtccaa	aggngaatn	cnggggtann	ctatnnnggc	nannatcttn	ntnttctngn	600
aatccncttg	ggntcetaata	ccnttgtctt	caccnancct	ttttaacccc	tcttactctc	660
tccnttaana	atanacctcn	ttntatctcc	ncttnnnacn	ttataanttt	ngnattgggn	720
cnanngggga	attttncana	ctagtcctan	tgatnntctc	tccgtcetta	ntctntnttt	780
atncacannt	acncgtnagn	tnnaanana	accntctcng	ggngngccc	cttctttnan	840
aganaaccct	ntatntnagt	tnggaangng	ncccggtat	ntttatcccg	gttangnnaa	900
ttccccang	gcacctcttg	ggaatttaan	gggatncccc	caatttnngn	gatctggaaa	960
gtnttttngg	ggggcaccct	aanacncna	cacnaannct	tntgggaaaa	ttggcccann	1020
tgnnaaaaaa	aaaaaaaaan	gggccctcnt	naaattttng	gnnggaaaaa	nttttngggn	1080
gtanctccnt						1090

<210> 2835
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2835

tggttnnntn	nanttcgctn	actnaanac	gntccantnn	ctctgtntac	gcnaagcaan	60
cnggcnggnc	taattcgga	cgcagatttc	agcctgggca	acatagttag	actcntgttn	120
ntaaaaaaaa	aaaatcccac	aatcctatca	cacagagatg	gcaacactta	gcatttggtc	180
tggtcacctt	tggaaggga	ttttanatca	atgtcttgct	tctctgtggg	ttcttttggtg	240
actcacacct	gcttctgggt	atagtatgac	tataaagttg	atctcttggtg	taaggcatga	300
tctatgagag	gaagctnnta	attngatgan	catcanggta	atnntagctg	ggataccttt	360
tctttgccct	ctccaatcaa	acntgagaag	ttgaaaatnn	aaaattatgc	ttttgaaggc	420
nttgntgtna	acctaaaata	taactcaagt	gatctgtagt	tntccatattg	tgactgttca	480
acagctatct	gcttttcaaa	tccaaactan	tttcatnaaa	gaaaaccant	ttggagtgtg	540
ttcagcttat	aattngnaag	ctagacatga	aagnnttnaa	aagccnttnt	agcctagacn	600
acntggcccn	catntttng	tnanntcntg	cntnttgga	acttgnnca	tgctaacccc	660
antaccnccc	atcntgcnn	ctcctnttaa	antgccnttt	gaaagngggc	aaaacngnan	720
tagnaccnnn	tancctntca	aaaggttggn	nngttntctg	caaatgggaa	gccnnggcct	780
tttaangggn	cggncctttc	ctttnc				807

<210> 2836
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2836

gnnnnnnnnan	gggggggtttc	antctnnctg	cagccgtttt	cgttcttttn	gcagatccca	60
tcgattcgaa	ttcggcacga	gaccaaagct	gctggagcct	gaggcagaga	accagaggcc	120
ggaggcagac	tgctctttta	cagccaggaa	tctcagagga	tttgaaaaag	gtgaaggaca	180
ggatgggcat	tgacagtagt	gataaagtgg	acttcttcat	cctcctggac	aacgtggctg	240
ccgagcaggc	acacaacctc	ccaagctgcc	ccatgctgaa	gagatttgca	cggatgatcg	300
aacagagagc	tgtggacaca	tccttgtaca	tactgnccaa	ggaagacagg	gaaagtcttc	360
agatggcant	aggcccatc	ctccacatcc	tanagagcaa	cctgctgaaa	gccatggact	420
ctgccactgn	ccccgacaag	atcagaaaagc	tgtatctcta	tgcggtcat	gatgtgacct	480
tcataccgct	cttaatgacc	ctggggattt	ttgaccacaa	atggccaccg	tttgcgtgtg	540
acctgacct	ggaactttac	cagcacctgg	aatctangga	gtgggttggtg	caactctatt	600
accacnggaa	ggagcangtg	cccagagggt	gccctgatgg	gctcttgccn	ctggacatgt	660
tcttgaatgc	catgtcagtt	tataccttaa	gcccagaaaa	ataccctgca	ctctgctttc	720
aaactcaggt	ganngaaatt	ggaaaaatnaa	na			752

<210> 2837
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2837

cnaatcgntg	cgaattcggc	acgagcctga	acctgcccac	ggagacagtt	gtnttgaggg	60
ttgccacaca	cagtgaagggc	ggagcagggg	ggctgagggc	acaggtgcct	gggtctgtcc	120
cacggggcan	ggctttgggg	ctgtgatgct	ctgggaagcc	agcttggttc	ctgggtctac	180
agagggccct	ggccccggag	cccagccagc	tctgcctctc	tcagggcctg	gagtcctggg	240
ggagctcagc	cagctctgcc	tttctcaggg	cctggagtc	tggtatgaatc	ctgcaggttt	300
ttgggttgca	ccggcccagg	gaggaagccn	ngggtttgct	angtgggctc	tcctggaggt	360
cctcnagtgg	canggggtgac	gaggggatta	tntgangcat	ctgganatgt	atatacctgtg	420
gnntnccttg	ccccctctgnt	tccgatgaag	tgtaccgatg	aatgaccttg	actaaaannt	480
nagtttgcca	cananaaaaa	angggaggnt	tantgggntt	cnaaaatcaa	gnaatggtn	540
caacctnggc	cttcgcagaa	tggaaantac	naaanacggg	gnaagatcct	catgnccatt	600
tcccatggnn	ttggncacgn	ttttggaggn	attctnnggn	cccggcaaag	gccccatttn	660
aaanttnatc	tagncnggna	ccnggnctat	tncngnctaa	gggnnttgcn	cttntccttn	720
aacncatnga	atcccttaaa	tnant				745

<210> 2838
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 2838

gtngnggnag	ngatcgtgan	ccctctncct	ttngnccagg	canceccatcg	attcgcaaag	60
atctaagtag	tcacaggatg	ggggangttt	ttgggaaagg	tcnggattag	cagagttgcg	120
gcagaaagaa	gtagagggga	atatcttana	aggcacttgg	acagaatggg	ggtgatataa	180
aagatgtatg	ctgacattnt	ggttttggcn	cctagaaaat	ntagcanaaa	gngagaatnn	240
gtgccataca	tcengntctg	caccctaata	tggaantttg	ncnttccaca	cnagnnttcc	300
tncacaaatta	acctntaagg	catttnatgc	cnntgcctcc	acancnngga	anagtacgac	360
aaacntccta	nangactaga	naaaaatngcc	cnnttcagan	acattancag	tacgtgtggn	420
tagaactaaa	atggctcnca	ggctcatact	ggnagtgan	aggnatgcag	anaaaaaanga	480
aaacccccan	gtgtcantga	ctgtgaacag	gcctantnca	gangenctta	ttgngcaatn	540
gcccttaaga	nattgcccc	anganncacc	tgannacccc	cgggaattgc	cggaaaagaa	600
tacngatgag	gagctnacgc	ttatgngaag	atgnatnaac	cctatgttca	gtgtaaaccgg	660
ggntacaatn	cnccaaanag	cgnanctcaa	gaacnagcct	tcccgnnagg	cnatcccaa	719

<210> 2839
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2839

cngaangntg	tgatgnatgt	agncgttccc	naggaancca	ngcgattcgg	nttggcgaat	60
tcggcacgag	cccagggtgc	tatccacttg	ctagnatttn	ntcatgagag	ttagatacca	120
gttttctgct	ggaaatacag	aacatttcct	gaaaccgtgt	ggttgaggtg	aaacaggcat	180
tttgcagtct	tatatattga	gtaaggccaa	acctgcctag	tgttataaaa	ctagacaaaa	240
aaccacagga	cccgggtctg	caggatagaa	atgtgtgact	aaaatgaagc	atcgatctga	300
gaagactaca	aattagcggg	aacctttgga	caggagcatg	ctatacatta	cttagattaa	360
tgttgatatt	taaggagcca	ngatnttgat	nngtntttga	gggggtgccc	tntacttcat	420
ataagaggct	ataaaactgna	cttctttcag	ttantgctta	atccnagctc	aaacaagaaa	480
taattgctta	ttccaaagta	gacattggna	catctttttc	taggnacgta	atctgngatg	540
aagtctgata	aagctcctta	agaaattctt	atagtacacc	ctcacaagan	tgtattcatc	600
taccggtggt	ttaaaccnga	aaattaaaaa	ttntaaccct	cgnnngagaa	aattttaccaa	660
agtntttaat	gggttttcagg	ncccttaatt	aaaaaaactt	tttaaccctt	ggccttggaa	720
cccttttaaac	cttaattnat	nggatctnaa	aaacaaatgg	gntttnttgn	nngaaaagtc	780
nnanct						786

<210> 2840
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2840

tttttgntg	tgtggctgcc	ctencctann	ntgcaggatc	ccatcgattc	gctggaaggt	60
-----------	------------	------------	------------	------------	------------	----

tactgcaaag	acagcctggg	gaaattgttn	tnagtacaga	ggctttaatg	ggttctttga	120
ggtcaggtag	aggttatggg	gggagcacta	cagtgagcat	atacccaaaa	tgaagccaga	180
cttccaaggt	acgtttctcac	tggagagggg	gcttaatggg	aaagtttaaa	ctttaagggt	240
ttaggtttta	gattaaggcc	caggagatcc	aaggggaang	aggagggtag	gaaatcanan	300
ataagaggag	ctgttgtcat	cgcagggtata	gtmataatta	anatagtta	aactttcata	360
ggattttgca	tttatttcat	cagntttttt	ttctagattc	ttaaatctgc	atatatctaa	420
atcttataaa	tttggggaaa	tgtacacatt	tacatggtag	atttcaactca	attttanagn	480
ntggctnttc	ttgtgaaata	gaattaaata	tatgtgagta	aatcaagacc	cctaaccatc	540
attaatgtat	tatttggtta	tttctggcca	aggcccttct	tgattctttt	aaagtgtgct	600
aagcccat	tcttcattac	atccctctta	ttttttgtgg	ccaaattnac	taaaatntan	660
gtatcttttg	gtggantttc	anatttttga	aacctacctt	gttttgaaaa	tncatctttt	720
aaaaacctnt	tttccaaaa					739

<210> 2841

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 2841

agnttttnaa	tcctttggcc	antcgcncctt	tntgcangat	cccatcgatt	cgaattcggc	60
acgagaaaaa	gtnaagcttt	tcatgagcac	anntnccttg	cattgttnga	tgttactgat	120
attcgtaaaa	tgaatatttt	ctgttttggt	ctgttnnatt	tttttgagac	aagtcttgct	180
ttgttgccca	ggctggagtg	caatggcatg	atcttggtct	actgnaacc	ctgccttgcg	240
agttcaagtg	attcttctgc	ctnagncctc	tgagtagctg	ggattacagg	cgctcaccac	300
cacaccagc	taatttctgt	cttttnagtn	gacacagggg	tttaccatgn	tggccaggct	360
ggctctcaa	ac tncgtgac	ctg aaactnct	ca caccngtn	at ctcagcac	ctt tgggagg	420
angtggaag	gatcacttga	agccatgagt	ttgagaccag	cctgngcnac	acagcngaga	480
cccngtgnt	gtacaaaagc	ttncnacatt	tanctggctg	aggagtnnct	caccntaac	540
ttccancnan	tcnnttaagc	nnanncatnt	tgaacacntg	agcccannta	nggtcgatgc	600
tnntagtnaa	ccgtgactgg	accacttaca	gtccaagccc	gggtngcctt	ataaaaagan	660
cggaaaacat	ttcnttaatt	cgggttnnag	cnttanctat	ttcggaatnc	cttgngtttt	720
naaaaacttg	aatctccaan	aaacagggtt	ttttcttttg	gnccann		767

<210> 2842

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (873)

<223> n = A,T,C or G

<400> 2842

cgtacgggaa	tgancgggaa	atccctcnct	gcaagcagcc	cangcgacgc	gaattcggca	60
cgagacctaa	tttttgagaa	cagcaagccc	tnnttgacca	ctctcttcag	cctgtgtggt	120
ccggctgttt	tgaagtaatc	aaatgctgtg	catgggtattt	tacctgagct	gcaacctgnt	180
atggacntga	acntcnggat	aagntgaaag	caagagtccc	tgagtataaa	ggaaaaacag	240
canaacaaaa	agcaaacnag	ggncacccgc	gaaagnctaa	aaagncccan	tggtgangcc	300
cnntaaaana	anctagcttn	cagctgtcag	gagctaatac	tctctgnagg	aattgganat	360
gggatnaggg	cgaacaanan	agggtgtaaa	cngtggagct	ggcatgagta	ctgcangcaa	420

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cctgaagaga cttttaacnt antnaccaca gctattnatn atgcggtng caacaaacca 480
gcaacnaten acaagcgtca taaagaagtt cagactntga acaattggng aaaggtn gat 540
tncagaaccc gncgtgcaaaa aagccatcan ncaccataa taaaaaagaa ccncangaac 600
anggggaaac ccngtgggaa naaaggaagt anaanntngc cacctcangt tnaaccatta 660
aaaaccctng gaaaanntgg ccannaggga aaccctttaa aangcaaaag nncctnggc 720
aaaaaaancc ccggggaatt taancccaan gggncccaaa ggntnanntg gggccnnaan 780
nggggnaaaa aaangggggc nnggaaaccc ccaggnnnaa ntncnaaagg ggaaaaagna 840
aaaannangg ggggncnnnn naaaaaaaa ann 873

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<210> 2843
<211> 777
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

```

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<400> 2843
tgggttttng gnttngggct ttcttnanat gntgtaancg ctgctngccn cancanntg 60
gctggncgaa ttcggcacga gaaatggggg gtgttcttca tagtggattt ctttttttaa 120
acataccatc tttgtgtata tacatttctc tggaaatgtt tgtgaaaagg taaagataac 180
ttccttagtg taattgtgtt gaagtggagt gtttctagt tttgtgaaga tatcaattgc 240
tggctgatat ttttaagctgg atgaaaaatg tgggtgaagt aatcttaaag ggtgatagat 300
ttgatatgag aaatttaaag taatgtgctc agtgcgtagt ggtgataaaa gaatgtagcc 360
tacttgtttt ccatagacta tatttcatca ttgttgata aagtccttt tggccaattt 420
agtgaatgct gctgggtctt caggaaagaa aatcgtttgt ctttaaccag agaaataatt 480
gtggggatag aaagtagtct ttttcttgat gataaaaatt cattttanct ttttaaatta 540
cagtggtaat agctttagt aatagnngta atatccttgg tttttggcta atgattttta 600
ntgtgctccc ncttaatnt ntncgaatt attttnanng tgaccaaacc cntntatnnn 660
acntngcctt naacaaatcc ncncttnant nctctncnc nnaaanncn nncanctccc 720
ncctncncnc cennntcncc tnaencaccc ccncncncnc tctenctecn ccccccc 777

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```

<210> 2844
<211> 892
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(892)
<223> n = A,T,C or G

```

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<400> 2844
tntagggcct tnnnnannng ggtntttctt ntccantann ccgtgtgggc tcgttctttc 60
tcnnannanc nanncttgct gctgggctca ggcaatncac ctgccttggc ctccaaagtg 120
ccgggattgc aggcataagc cactgtaccc ggccccaact aatttttgta tttttgtag 180
agatgggggt tcaccatgtc ggtcaggctt gtcttgaact cctgagctga agcaatccac 240
ccgccttacc ctcccaaagg tgctcagatt acaggcttga ggcactgtgc ctggccatgg 300
gtgccatnta tctaaagagt gatgaacttg gtgttaaacc agtaattgaa atcaccaaaa 360
ttctaccat catgagctca gtctanntgg angagacaga tgaaccaatt angcanntct 420
gntgaatttt ggggttcanc agtgcccana ggtggggtgt agtgaagagg aatgccanaa 480
ttttggagag gtggagcaca cgacccacgg gtactttctg aggatgtaac ncanaagtcg 540
tgatcagaaa gganganagg ganacanntg gggaaantnn ctgggaaana ncngtcnatt 600
ccaggcagtc agcttgctnn ancncnttgg gccttntctt nanaacnccc tttgcctttg 660

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gaatnccttg	aaccenaagt	tttcaacttn	aaaagaaatt	cctttggggn	anngaaann	720
ntatatcacn	ctnntatnac	aaaaaaacnt	tccnaaancc	ncttttttan	aaaacctttt	780
ttccctngnn	aggccccna	atttttaacc	ntangnaatt	ccccntaacc	tttgntattt	840
aagnattncc	catttnggna	tcaanntttc	tgnggaacn	aantcccccc	ct	892

<210> 2845

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2845

gnnnnnnnn	ntgncnnnn	nggggggntt	tnntttttcc	aaanggcgtg	gaactcgttc	60
tntccgcaac	agcccngegn	ntcgtttctt	ctcaactctc	tgattgctta	tataagtgc	120
gtcttctgaa	ggaaagttca	gcattttttc	tcagatatga	taataatata	tgctaagatc	180
ttggccaggc	acggtggctc	acacctgtaa	tcccagcact	ttgggaagcc	aaggtgggag	240
gatcacttga	ggtcaagagt	ttgctgcctt	caaatacaatc	attacttctt	agcacctctt	300
gaaatagaaa	ataaaaaatt	tgccaggcg	gtggccaggc	gcagtggctc	atgctgttaa	360
tctcagcact	ttgggaggct	gaggtgggaa	gatctcttga	gccaggagt	ttgagaccag	420
actgggcaac	acaggagac	ctcatctcta	caaaaaagaa	aaaaaaaaat	taattagcca	480
ggtgtggccc	catttgtaca	aaaaaaaaatt	ttttttaatt	agctgggcat	ggtcatgtac	540
acatgtggtc	ccagctacta	gggaggctaa	ggtgggagga	acgcttganc	ctgggatgtc	600
aaggctgcgg	tgaggtgtga	ttgcaccact	gcactccagc	ccagcaacag	agaaagaccc	660
tgtctcaaaa	aggaaaaann	annnaaaaaa	actcgagcct	ctagaacttt	agtgagtcgn	720
attacgtana	tccagacatg	atangatcat	tgatgagttt	tggacanc		768

<210> 2846

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 2846

ttggggtnnt	taggtgtggg	ntttnccttt	ttcnaatngc	cngggntctc	gttctttctc	60
gnagnagenn	ngcgnntcgc	tcaccaagga	acacaaataa	acagttgatg	aatccatcac	120
atcagtgatg	aatccagaat	gtgtccatca	ttttcgtaag	tcttagtatg	cagagaatct	180
cagatagcaa	agcagaaagg	atgatgtcac	agacgccttg	ggtacccagc	acctggatgc	240
agctgtttgt	acacacatac	tttctgatat	tatgttgaca	gtgacttaca	ccacttcaac	300
ctcaggcagg	attctatcag	tttctttact	acagattgat	ttgtttcttt	aataatnatt	360
gtaattactg	tcagtaaaaa	tctgagtctg	actcagcaat	tagttgctgg	taactgagtg	420
tgtttgaatg	ctgggggaaag	gatataaaac	tngtattttg	aacagaaagg	cncacatgtg	480
ggtgagcagt	gtttaccacc	acagaatttc	cgtcttcaca	naatnganat	anctgcacat	540
gaangtatag	tnagcantgn	angtttnntt	nnanaaagta	aaagttaaat	tacctnntat	600
aagcctnctg	gatttnncng	nnnttnngtc	tgnatttcc	cctntgccnc	cttcaaattn	660
naantttana	nggtntnctt	nttctnctca	atatctctcc	ccnacanntn	tngttnntgc	720
nctgannccn	natctctctc	ntcnnnccng	atgggtgatg	nnennnggna	ttntctcnac	780
ccatttnntat	cttatctntc	nnatcnttnn	atnntcntnt	ncctcatngg	naacnnttac	840
acnttnnang	nttntngggc	catnntctnt	gttcatntgt	gggntctna	gnatcttttt	900

ctaan

905

<210> 2847
 <211> 774
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2847
 tggntttttna gngtgggnt tctttttttac taatggctgg gctacttggt cttttngcag 60
 gcatcccatc gnttcgatct gaaccacatg aagttgagta aaaaaagcaa tttgcagaag 120
 gatacataca aaatgacacc atttatatag tagactgaaa gcatgcagaa caatccattg 180
 ttgttttacgt gtgtaacagt cataggaatg acaaccactg ccttcagaat tatggcgacc 240
 tctgcgatgg aagagaatgg gatcagagaa ggatacacia taggctttaa ctgattttgt 300
 gattattgat attagaaatg tttaaaatta agatattaac atttcatgaa gctgagtggg 360
 gagcacacca gtgttatatt ctctctatat aactttgtgt atatttgaaa tgttttctca 420
 taaaaagtat ttaagcaagt ttaggaaaga atattgataa atgaaattgg tagagaacca 480
 tgaaattaca tagatgcaga tgcagaaagc agccttttga agtttatata atgttttcac 540
 ccttcataac agctaactgt tcaacttttc ttatttttga tttataataa gatagggtgn 600
 gtttataaaa ctaaactgtg gcatacatc ttctatacaa acttgaaatt aaactgagtt 660
 ttacatttct ctcttttnana aaanannntn ttacnttnt nnnnannnt ntcncccc 720
 tncnntntcc nctntcnctn cnnttctnnn annanacct tncctcnct tnnn 774

<210> 2848
 <211> 806
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 2848
 ggtttttcnn naggccggtt tttcctcnng nctctnctg ccccnagnanc nccctctcgc 60
 cgaannagct nggcggtggg cgatttattt gccctatttc ctccatgtac ggagacatta 120
 cntttnttgc ccagtcagat ttttttcagt ctatctttta gtcagattta atttaagtgt 180
 tatttctagt ttattgcttc tgccatgttt tattctttat gaagatcccc gagtattgag 240
 tgtgccagtt accagattct ctcccagctc taaattacct ctccattact tgatctgcaa 300
 tattggagcc taacccttta ggccaggggt gtccaatgtc ttggcttccc tgggccacat 360
 tgaaagaatt gncttgggcc aatgtggact ctatatggta taaaggagta tgtaaactgt 420
 ggagagaagt anggctattt tctacagcag tggctctcaa attttnaat ngggtacctt 480
 accagaaaac atttgaatan aaaacctcaa tatnagtatg tectaattat aaatcatatg 540
 tataaatata tatactatnt cggttatat agngntttca agtctgctta tgatgtaatt 600
 atatgtnnca gaacaatttn aatatactct ttttcngnt cnccttcaan cgggtcaatcc 660
 cnttgnacng gnnaccnact tnccttcata mnnctnnct taaccagtga aagntnnang 720
 nctnnnnaaa aacctcttct cnaaanataa ncntngccct cnttnccca ttncantcgg 780
 cnaaacnnaa cnnnattgnc ccnnnc 806

<210> 2849
 <211> 758
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2849

tggtnnnnnn	ngnngnggggt	ntcntttntt	atnanggctg	gactanttgt	tctttcngca	60
gcancctatc	gattcgaatt	cggcacgaga	taacgcccgt	ggtgccccat	ccctatagga	120
gctggtgaga	ttgcagcctg	ctgcctcccc	tccatcagcc	acagctattg	gatttcccac	180
ccagaatctt	taggtaaatg	agatcatgat	tctggaagga	ggtggtgtaa	tgaatctcaa	240
ccccggcaac	aacctccttc	accagccgcc	agcctggaca	gacagctact	ccacgtgcaa	300
tgtttccagt	gggttttttg	gaggccagtg	gcatgaaatt	catcctcagt	actggaccaa	360
gtaccagggtg	tgggagtggc	tccagcacct	cctggacacc	aaccagctgg	atgccaatg	420
tatccctttc	caagagtctg	acatcaacgg	cgagcacctc	tgcagcatga	gtttgcagga	480
gttcacccgg	gcggnaggga	cggcggngca	gctcctctac	agcaacttgc	agcatctgaa	540
gtggaacggc	cagtgcagta	gtgacctgtt	ccagtccaca	cacaatgtca	ttgtcaagac	600
tgaanaaaact	gagccttnca	tcatgaacac	ctggaaagac	tagaactatt	tatatgacac	660
caactatggt	agcacantag	canagtnacc	nnatttgnnn	aaggagcatg	acnccctnct	720
gatttcnaaa	tcangtgatg	naagcntgng	aagtgann			758

<210> 2850

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 2850

ttttccntnt	nggcctnnat	anggggcttt	tctaateccag	atactggnet	ggtttncgca	60
cgcattccan	cnnttcgaat	tcggcacgan	caaanacaag	ccttnatgga	aaaggaaatn	120
cntccccctc	catgtatatg	gatganggga	gcagcacaag	ncacactccc	accatcctca	180
cnnaattcct	ggacccatgc	ggtggctccg	tgagctgggt	gactccagcc	tnacctgcac	240
accccaaccc	tgcnccggggc	cnttcttctc	accancatgc	cctcggtnag	ctaggaattn	300
agatccctgc	ntgtgaanna	nggaactnat	gtgcacagaa	tcncagggnn	tgccatatcc	360
ttnggcagta	tttagatnaa	gtcgccctgn	ntncagantg	accccggnngc	tctncagnga	420
gttntcaagc	cccangaaat	cggccttgga	tgtctctcnt	acaagacagn	ntnacnctg	480
ggccctcgtg	catnnncttc	actgnccccc	tggtatcccn	cattaccccc	aaangacagn	540
gggnaaacac	anngnnanan	cacancnttg	nccctccag	cncnnttcac	nggcanttc	600
ttnnattcac	cccgnntccc	nccnnnacct	nntcccccca	ancnnnnaca	ancntnntcc	660
ccaactacan	gccccctttt	ccttggngn	aaaatgctcc	nttggtancc	cagttataaa	720
aangccntnc	ngccccccctc	ancntgattc	tcccgcattc	ncanaccctc	anncccaann	780
attnaannac	cccaatcccc	cnnanaaacc	ctcctttcca	nettnnnct		829

<210> 2851

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 2851

ntaggnmcnn	nnnnagnngg	ctttctaatt	tactannngt	ggactagtng	tncncnnaan	60
ancntnncgn	tgtcgaattc	ggcacgaggg	gtgacttctt	gtgacctcca	aaggaagtct	120
cagctctgct	agaatgggac	caaagcccag	ctccaccttg	aacttgngtc	atagccttgc	180
ttcttgttcc	ctctncttan	ccgggcanat	gccttgctct	ttgataaagg	cttntctgtca	240
ccttctgagg	gctcttgtgc	tttttgcagg	tggatgccat	tacctttacc	gctgagcctn	300
ccgcaattgc	tntgttcaca	cgctgtccgc	catctgcctg	caagggccca	ngcagggtnt	360
tactcatcat	tatgtcattg	nttnaataga	agcctaatat	nttgtacata	gtagtcagga	420
agcccagaaa	attgggtatg	ttctatagat	ttaccaccat	tgcttattgc	tgtntcnctt	480
taataaagnt	taacgaaagt	naancaaacc	acantacccc	ccaaagacag	nnnngggaaa	540
cacactngng	gaaagcccca	ncatggcccn	ccttcnanc	cccttttang	gnactcttng	600
nnatcaaccc	gggntaccog	tcnccactt	gntgcccna	cccactccag	nnntnttnc	660
aaannacaac	cnttntntc	ccntggggga	aaaatgnntn	nttgggggtnc	cncngntncn	720
aaaaaggccn	naatgggttn	tcttaacctt	nnttncnca	tacnantccc	cacnacnttn	780
accccaaata	antcanncna	cntcctaanc	ncannnmcnn	aaagcccttt	ctncanctac	840
ttntnct						847

<210> 2852

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2852

cngttnncna	aacngtctgn	ggaaaagccc	cctttntgca	ngatcccatg	cgattcggcc	60
tcacttccca	ctgagcaggt	gccatcccag	gagatgcttt	tgggtggcgag	accttcccct	120
cctgtgcagt	ctgtgtcccc	tgctgtgccc	acacctccct	cgatgtctgc	tgccctgcct	180
ttccctgcag	gtggtatggg	aggtggcatg	ttctaactcc	tagactagtg	ctttaccttt	240
attaatgaac	tgtgacagga	agcccaaggc	agtgttcctc	accaataact	ncagagaagt	300
cagttggaga	aaatgaagaa	aaaggctggc	tgaaaatcac	tataaccatc	agttactggt	360
ttcagttgac	aaaatatata	atggattact	gntgtcantg	tncatgccta	cagatnatte	420
atttngtatt	tntgaataaa	aaacatttgt	acattcctga	tactgggtac	aagagccatg	480
taccagtgtg	ctgctttcaa	cttaaatcac	tgaggcattt	ttactactat	tctgtataaa	540
tcangatttt	agtgttgcc	accaccagat	gagaagttaa	gcagcctttc	tgtggagagt	600
gagaataatt	gtgtacaaa	caagaagaaa	gtatnccatt	tatgtgacaa	cctttntggg	660
aataaaaaat	ttggttttaa	agttaaaaa	anaaacaata	aaaaaaaact	tcnanccttn	720
ttanaacctt	taggggaggn	ccgnaattac	cgtagnancc	caaat		765

<210> 2853

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2853

tttnnaaggg	gnntaagtgg	gtcttctttc	aannggccgg	gtctcgttct	ntccgnanca	60
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annangcgnn tcgaattcgg caccagcgtc tacatccagg cctccgagtg acggacctga      120
ggtgtctgtt tcctgggcag gcctgatgct cctgtttggg tccagggccc ctgggggcag      180
accggtgata cttaccagtg gaagcgagcc atcgagccat tggcagaaat cctgctgaat      240
gtcattcaga aacctcagcc catggtcgcc ctctgtgccc cctctcctgc cggaaagccc      300
tgcaacattc tagggttggg ggcagggcca tccacggttt ctgggcagag ccatgggtggc      360
aggagagaga tggctgaagc ctgagcagcc cagagtcccc ctggtctagg ctggtggtcg      420
gggcccctgg gagaggagac agggcattcc tcccactct gtctncaggg tgcctctggg      480
tagcctctag tctgctgttc ttcaggaggc ctgccataaa ctcttcggag ttacgtgtt      540
gcaccttttc acagacggtt cccacagca tccctcagaca gctctgtgat gtagctttta      600
ggaggcactc aggtgtcacg gctagactgc agctatgaga cagatctggc ttcaaatacca      660
anagttgcca tgcacttgct gtgtgacctt gggcaagtca cttaactttt tcttgagccc      720
ccgtgttctt tcactctgtac aatgggggct tacgatactt actan                      765

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<210> 2854

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2854

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cnnntcnnng tgttggnnnt ttgtgggggtc tttcctttct taatnggtct gtgatncncg      60
tnctcaccta acacaacnng gctgnngcga attcggcacg agaggatggt gctgctgtgg      120
gccgcaaggg tcttggttagc ttctcttagg gcaggcttgt gtctctgatt ggggttgagg      180
tgggtggggg catccctgt ggcctcagca atccagccct gcncatctgg gtcccattac      240
acagacgtag acattgaggt ctanttngaa ngacttgccn ngagtccctgt aatagagctt      300
ggcacttggg tctcttgact ctcanngact ggggtgtgagg gaantgggct ccttttgctc      360
cctacctgca gtgcctttga ggggatgagg gtcttccatc atagtctnga anatgacctg      420
cacattttac tgccttanaa atctgctcgt tggggccagg tgtggtggct cagcctgta      480
atcccagcac tttgggaggc cgnngtgggc acntcaccag gtcangagac ngnnaccatn      540
ccggcttacn ggggtgaaacc ccatctctct aaaaatacaa caaaaattan cctgccatgg      600
ngnnggggtgc ctgcactccc actnctccng aangctnang cccgnannaa tngcntgaac      660
ccnngaggcg gnnctcttgca ntnaccccat aannncgccc ccngnactcc anccctnnga      720
ncacanaaan agacttcnc ctnnnaanaa nacanctaact ccnnaacncc anccctctna      780
ancnt                                           785

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<210> 2855

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 2855

```

nncnnntntn tnatggnnnn gnetngngng gnnctttctt ttcttaaatg ntgtggntnc      60
tcgnncttnc tcnnannagc ntggcggngg cgctttggga tcttttagatg aatggatatca      120
tacagatgtg tattattgct aattctttgt tctcaatcac ttgttttcaa ggacactaaa      180
atccatgtag cccctaaaaa agataaataa gggcaagtca cttttcttcc tccagtcaca      240
gactaaagaa attatttcag ataatatata gcccttcagc catgggagca ggaagtgttt      300
actgctcaag tcagggtctc agttggtaaa ataaacggaa acttctggtt tagtttngg      360

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gccttctttc	aaataaaaaac	ttcatttttct	ctggggcaaat	acattgattt	aattttgtat	420
tattggtaaa	atattcatca	agtcacggtc	agnctttaca	gagtaccaa	acataacttt	480
gccgattttt	tctgtttaag	ggccagctag	gttngttnaa	aaagaaaanc	ttnnagccac	540
caaaaagcct	atggcatttc	tttctcttat	gatcttttaa	actgggtcaa	gctcatcctg	600
tttgnagatn	atttaggtgt	gtccctcttt	gaaaatgggc	ccccataaca	cttttttaat	660
nggataaaag	nngagaacat	ggagtcanaa	tggagcaaaa	ntctgaatat	ttcacatggn	720
ctaaaccctt	tntttaaatc	aanggnnaan	nanaacaaag	ttgcnaaaaa	agcccaaaac	780
atnattt						787

<210> 2856

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2856

tgtgntnegg	tanggggggc	ttctttccag	gtgctggnta	togtccntc	cnmanagecn	60
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tgccaaagtg	ctgggattgg	aggcatgagc	cactgcaccc	acccctggtt	tttatttaag	180
taaaccatta	taataactca	tttataaaaa	ggttacttca	agagggcttt	caacttaaga	240
attattttca	ttttgaacat	gaaaaggttaa	atagtaacta	agaaactgag	aactctgaca	300
gtgacctcta	ataggtaact	ttaggcacaaa	gtagacaagt	ttgtgggtat	tttgnrtgtc	360
atgttaaaaag	gcacctgtac	agaatcaan	atatgaatct	agntcgtana	gggaaggtct	420
tatgcaaata	ccaaatcata	caagtgggtta	cacatataat	agatcatttg	gtccantaaa	480
agtgggttca	gcttgtttat	tccctacttt	tgntatcnta	aaaacaatga	ttttttgcat	540
gtaatagaan	gctttcactt	aagatgctnt	tgagtgaatc	agtgaggggt	tcttanagtt	600
agtattcatt	aattnaacnt	anaatattan	ctaaacagtt	ttgggtcact	gcaatgcatg	660
gtctatngaa	anactanatg	tttcgnctga	aatatgcttc	aantgttgcn	actatncana	720
anggcctttt	atgttntnna	atttnaaacn	tgccanttnn	attnt		765

<210> 2857

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 2857

nagntttttt	tgggggggnnc	tttcttttng	tngcgctgg	ctacttggtc	ttttngcagn	60
agcccatcgt	attcgaattc	ggcacgagat	tcaagatgag	atttgggtgg	ggacacagcc	120
aaaccctatc	ggttgccaac	atttacagta	acagtgttag	gtgaacagtt	gtccagtctc	180
ctgttttgtc	ggacactgtt	tctagcacct	tccaggcaga	atctcatgta	tccttcaact	240
tcgaaatggg	tactatttca	tccccacttt	tatcaatgag	aaactaaagc	tcgaagaggt	300
caagtaagtt	cctggccaag	gtcagctagc	aggctctaga	ggcctcggtc	tccttagagg	360
cagccttgcc	agggcccg	cttggcaggc	tgccanggan	gtgcgggcat	gcccattgta	420
gaggtgggac	cattgaggct	cagagagggg	aagtgatgag	ccctggcgac	acagcggggg	480
gggtccagag	tccggcctgc	atcttctgga	gctggccagt	ggacaggcct	ttcccgttca	540
cagccccggg	gctgctgtgc	ccaccaaggc	ggatgtgcct	accgaatcnc	actcctctgn	600
gtgtgtccct	tttcaggccc	ctacatcatt	cganggaatg	gcnnccccc	acgacttccc	660

ttncnaccan	tecacnnttt	nnttacannc	ntacttccan	nccccagnnc	tcttgtaaaa	720
gnccccannn	ancttcccta	nccttggant	ttttaccnc	nttnnctcat	ccacccctct	780
tttctcccc	cent					794

<210> 2858
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 2858						
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tgggtganggg	ctgctgnngc	tgggaatggag	ggctgccaca	ttaatggaaa	tggnaaatga	180
ggcacgtaag	gttngactgg	aggcatancc	cccatgttgc	cngctttatt	aaatcactct	240
tgcantatnc	anancatang	cctgatgnna	nnagtgactg	tgtcttgac	tnntncaacn	300
tacagnngga	tgctnnaaga	atgngcactg	cananaggac	tngtntctata	ntaaccatat	360
gtatgcntnn	cgtaananna	tcgcnngctg	actatctcta	atnngngcgg	ggaacgtgat	420
cacattcncg	nncnnttaca	tggaggctcc	tctccngan	gnntctaanc	tannagangn	480
ccatgagtat	gaaacantgn	ctnncaccac	ttnaacttac	ccnanntnnc	ccaatatctn	540
ttgnctagct	ntngattctn	tgnnnagcct	tnactggacc	ctacttagac	anngccttct	600
acacnctcan	naacgattcn	tgtagtaaat	ntantaacg	cttcccccta	cacctnnnta	660
tgnattttatc	gcncctctat	tncttnnccn	ntcnngnnnn	tnantgaacn	ttacctcccc	720
tttnnaannnt	ccgcnnncct	tncaacntt	nanttnccanc	atttcnctna	tccttctcac	780
cggggcattt	tnntctnggg	ntccgggttn	gnttntactc	antgcnantn		830

<210> 2859
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2859						
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attaagtatt	gaaaatgttc	taactagaaa	aacgattttc	ttaatcatag	tttttattgt	180
gggggtgtgta	tgtaagtttt	aacgtgcaaa	ttaacatata	gaagtcactt	tgtgagggtt	240
cattttaaag	tattttctcag	attttgctga	atctgtaata	gccattgaaa	tatttaagta	300
ccttggtgtg	tcctggcatc	aataaacaga	tttttctttc	cctcctcatg	ccatacaaaa	360
gttgacaata	gctttatcac	cacaggaaga	aagctgacca	tcattgccct	ttatttgggc	420
ccagttgcca	tggttacagc	cctttagcta	aattgggaat	ggtaacccaa	ataacatttg	480
cataacattc	ccttggtctg	cccacctctt	tgcacatctt	caaatacaagg	ttttggtctg	540
atcaccatac	tatgctgtag	cctactttta	ggaagtactt	taggctaaat	agatttgttn	600
catttatgct	aaatgctctc	ctggacacta	ccatactcag	catattcctg	gaaatctaac	660
gcaatnatnt	taccttttaa	aacacccggg	ctccaacngg	nnnnntacct	ntnaccncn	720
ctgnncnnna	tnntntnncc	tnctttatcn	antaaangc			759

<210> 2860

<211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2860

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aattagtcaa	caatatgctg	ttgactgcag	agctgtatct	tcagtgggtg	gatgaagcta	180
cagtagggga	gatcactcat	gctaggtatg	gatctcctta	cccttggcct	ctgaatcata	240
ttttggccta	tcaaaaacag	tgggaagtca	aacgtaagat	gaaagctatt	ggatggggaa	300
agaagactct	ggaccaggtc	ttanaggatg	tagaccagtg	ctgtcaagct	ctctctcaaa	360
gactgggaac	acaaccgtat	ttcttcaata	agcagcctac	tgaacttgac	gcactggtat	420
ttggccatct	atacaccatt	cttaccacac	aattgacaaa	tgatgaactt	tctgagaagg	480
tgaaaaacta	tagcaacctg	cttgctttct	gtaggagaat	tgaacagcac	tattttgaag	540
atcgtggtaa	aggcaggctg	tcatagagta	tgtgttaagt	ctcangagtc	ttaaacttng	600
gaaatatggg	tttacttnaa	tgttacatta	gatatngggg	gntacgaatt	tttanaacca	660
aattactggc	tttttgnaac	cttcaaaaata	ttataatggn	atcttaatgg	aatgngcctn	720
taanattggg	naatttgggg	tattacaatt	aaaaanaaaa	tnccg		765

<210> 2861
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2861

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cagtcttggt	gtggaaagga	gacgcatcta	tgacattgca	aatgtgctgg	agtcgctgca	120
tctggctcagc	cgggtggcta	agaatcagtc	tggctggcat	ggacggcaca	gcctgccnaa	180
aaccctgagg	aacctccana	gactnggaga	ggagcagaaa	tatgangagc	anatggccta	240
cctncaacag	aaagagctgg	ncctgataga	ttataaatnt	gganaacgtn	gaanagatgg	300
tgatccagat	ncccangaac	aacagttact	gganntctct	gaacccgact	gnnccctctc	360
atctgcnaac	agtggaaaag	acnagtcnt	gagaattatn	agccagangt	ttgtcatgct	420
gnnccctcgn	tncaaaaccn	agatngtcac	tctggatgtg	gctgccgaaa	tactgntcgn	480
agacngccaa	gatgccccag	accatagnan	atttaaattg	aagaatnttc	acctgcatna	540
ncttactagc	acataaaggg	tgggatttna	tgngtngata	ttntctgctt	ccgagattaa	600
aaatctntnt	antgnttggt	gacntangca	tggaagtgcc	cnaaactcct	gccttttaaa	660
actntcnngg	agnccatttc	cgtanattcn	cacntgatta	aganncaatg	gtgaagtttg	720
ggnaaaaccg	ccacttggat	gcaccggaaa	aanatnt			757

<210> 2862
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2862

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atctgataga	atacaagatg	attcaaaatt	atatagatat	ttaaagcttt	tctgctgttt	180
ttttttttta	attgcaactg	cttttctgcc	gtgcctctct	tcctaccca	aaagtgatga	240
gttctgaaca	agacaagact	gtcatattgt	agagactttg	gtatgtgata	ccatagaata	300
ctgattggat	agccatccta	gtcacttacc	aatactgact	agaagttaac	tcttaattct	360
aagctatctt	aaaatgcata	tatatacttc	ttgcatggaa	gagcaaaaca	aattcaagtt	420
gtcatgcctg	ataatttcag	atgccaccgt	atagcaaagg	gtgaacatgt	tttcaaccct	480
ttaacttttt	acgggtgtttg	aagaccagct	actccttaat	atztatcaat	ggattaagaa	540
gtttaagatt	ttgcagattt	atcaatttgg	gtttttgtac	tgaagttgtc	ttgcggcttt	600
gcaagtgtcc	cttttatattt	aaatttgaaa	gttgtaagcc	ctggatgtta	atgtgattga	660
tcagcatggg	catatgtaaa	atgncctttt	ctgggtggct	ctctatgcca	atgggggtcag	720
atccttacac	cctaatttna	accagtnngt				750

<210> 2863

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2863

gaaancagct	tnnnaaccnc	ttgcaggatc	cctcgattcg	aattcggcac	gagggatggg	60
tgccctggag	ccaggcaagg	caggaggccc	cagaaacttg	gtgggggaga	taacggaggg	120
gatggagcag	gaggaatcct	gaaaaccgga	ctgggagaga	tggggccgag	tggacgatgc	180
ccagtaccag	cgggcgctctg	agactgaaac	attaattctg	aagaagaaga	aactagacag	240
tcagacctcc	aggactaaga	tgaagtgagc	cgagaggana	tcgtatcata	agaatgcttc	300
tgtcgntagc	cgggtgcagt	gctgtgtgta	tctagttnca	gntacttgag	aggctgaggg	360
aggangattg	cttgagtcca	gaaagtggca	gttgcagtga	gtggagatcg	cgccactgct	420
ctncagcctg	ngtggcanan	cgagaccctg	tctcaaaaana	taancaaaaa	caaaatgctt	480
ctgtcagtta	acaatcttta	ttaaaagggg	tttttagtctt	tctttctcaa	cttgatatgtt	540
aanttggttg	acaaatgcna	attnacgtct	ttattatnct	ttctttctna	anaaaaaagc	600
cnnntnttgg	nanaanctcn	acctntgaac	tntgtgagtc	ttattacntn	natecntcca	660
tgataagatc	cnttgatnat	ttggacaaac	ccacttgaat	gcnttgaaaa	aaangctttt	720
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<210> 2864

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2864

gnntagctag	ctacnnaaac	tcttttggcna	atcccantcg	attgcgnntt	cggcncgaga	60
actgacctaa	gcctcagttt	ttcagatctg	tagtacttac	tttacatgat	tgctctttga	120

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attgaataac ataatttatg tgaaaacact taattatgaa tgctgtaaaa ctatcaaagc      180
cattaatatg tgnatagta gcatcataca ttttgtagca taatccagag aacaaggagt      240
tgtaacaag  ggagaggaag ataactctgt tgggctagta ttatactctc aggtgctact      300
gacttcttag atgaccttca agatgttagt acaactctct acttggagat gctattttct      360
ggggatgtta atatccactc tattcacaaa attttaagaa aagtcaagta gcatggatga      420
aactctccaa agttctgctt aaaactaaaa tatcttagtt gtcaactgaag ccacagatat      480
tttgtgaatg cagcatgttc ccaataggca gtccctctta gcctcacagt ccaagctggc      540
aacaggatca cattccaggg aatgaacaga aaggctggca ggcaatcaca ccgctgatat      600
cttangtgtg tgggcccccc attttttttt tgagatggag nctnactctg ttgcccgaagc      660
tggagccttt taaactatag tgagtcgtat tacgtanatc cngacattgt taggatnecat      720
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<210> 2865

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2865

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ttgcgaantc ngcacgaggg acccccta atttgtacatg ttgatgatag gaataagggc      120
ttcgtttatt ttcactgcat gctctctatg gaaagaggat gtgctaagca aacaagcatt      180
gtaaacaata tttcagaggc aagggttttg cctgctttaa aaaaataaaa tgtttgcaag      240
tacaattaaa aaccagtata agggacaggg gtgggatgaa aacctgtctc taagattacg      300
aagcctgcgt tatttccctt aaatccccct cgaggaagat ttgaatccct catcaacaaa      360
ttttcattga ttatgtttct attatatata ctgtagactc tatattcacg aatgtaatca      420
tactcattca gaaaaatata ggaagagaaa atgagtatga cctgtagcct gaatttcatt      480
ataaaaagatt taaaaatata cattttatat taaaattgat gtaatctttt aattatgaag      540
tctttgatgc ttttagatgtt ttcattccata acccaagagc aagatcttgg catcagtttt      600
ttccangtta tgtctatatc atctattatt acttaaaaagt ttggagttac atataggata      660
tattgatatn tagagagtta taggatatat gnnanttttt ttcaattcca gtcccccaac      720
ccgagcaaag anccattttt tatggaactt aaaaaaaaaa aaaaan                               765

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<210> 2866

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2866

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ngtanganac tnnacgggaa atcccntntc tnnangaanc caatcgatgc gaattcggca      60
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ccggagaagg gctcaggtgg gaggggcctc agcaggctcc cagctcaggg gctggcctgg      180
ggggaaccct gggagccagg ggctgactcc agcaacactg gcctgtctgc ctgttctggg      240
agggctgtga ggatgtcttg cagatgctct ggatttctgc ggaggcacct ccattccttt      300
ctggcttttt ttgcggggga gggctttggg cctctttctt tgagggaaca ccgtcaaaga      360
aagcctggga gatcgaggct tcagtgagcc aggatggaaa cgcgtgtccc aagtgtccgg      420
acaggcggca gaggcctnag tgcggcaaac acagccccag agcctgtgtg gcaccagcag      480

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catcttanag	ccccaggtat	atgctgagan	cttatctcac	gctgcctcca	ntgtctgggg	540
ggcccaaat	gatggcacia	gggcangtgg	gcctgnaagg	ggccncaaaa	tgccctgngg	600
ttcaaagga	aggggtggccc	accaatgggg	cccnanggtc	ttaaccccaa	ggaacccctt	660
tggntctnng	tnccttaaac	ccttggcann	tnacnggnaa	gnacctaata	gnggggnact	720
ggncccangg	gccccnngtg	nacctttggg	ggggccaaaa	tngggaaagg	gccccccctg	780
aaaaaaaaan						790

<210> 2867

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 2867

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cccagggtg	actgttggtc	atcttgccag	atcttntntg	atgtcttttg	cttcatectg	120
ctgtgcatct	tgcaggaaag	tagatgctct	tggtcatttg	agtaatccga	atcttggtat	180
ttccagtcaa	ctcagttgga	tttctgggat	gagaattaga	ggagtcccat	tgaaaaactg	240
gaatgagaga	tgagaagttt	gctgaaaaca	gaacattttt	ttgtgtgtgg	attgatttgc	300
ctcgtatacc	tgcttgttac	tttaaccaca	tctttgcagt	ttaaaataga	acacattatt	360
tcttcagatt	cacttatttt	gactacatca	gtaatgctct	tacaaggctg	catgacagat	420
ttatggtgac	atgcttttagg	cagttcaaaa	tccttaaacc	tatattcagc	tccttttttc	480
ctagaaagta	agtcacttta	attttcaatc	tttctttctt	tttaatcttt	taatgatttt	540
ttggggggaga	ggaatccttg	cagttagatt	cttcaagctt	ggctacaaat	gggttaaaat	600
ataagtgggtg	aaaatnttat	actttntcct	attnngantt	tgntgctca	tttggnttct	660
teccatgggtc	tcaagtatac	aattnccaag	tttattgggg	ctgnntcacn	tgnttccatt	720
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<210> 2868

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 2868

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tcgttggtgt	ctaccccgta	ctgacccaac	accacaagg	ctttctctgg	ttccctgtcc	120
ctaagacaat	aatcgctttc	tgacaaagga	gcctgcacat	ttgggtgagc	agacccaagc	180
tgtttacagc	tctttcttgt	cctgccatcc	agtagcagtt	agtcttcac	cccacgtgaa	240
caaaatggga	aggagccgtg	aggagaggag	tgaggcaaca	ggcacccgaa	gtccctcgctc	300
cttccctctg	tgtgctctga	atatgtcctt	gtccttctctg	acccatctct	gaccagctgg	360
gaacctgctt	gggggtcccc	tcaaacctgt	gnctgggggtg	tgggctcaca	gatccctatc	420
agcctgggtc	gtgggganggc	tcttcctaaa	gggaccccca	tctctaagtc	actctgaaag	480
ggagttgtgg	agaggagacg	ccctncaaac	tcttcagaag	tntntgagga	cttgaactgg	540
gtcactcggtg	atctgngtnc	gaaatccttc	ccaacctttt	tcttttgggg	gagntttcct	600
taaccttgct	ngcttgnaaa	ccaccaaaang	gtttttgggn	ggcctntcct	ttttcttcna	660
ttttgggttt	aaaaggggcaa	ntngtnccaa	aaaagcccat	ttcccnngaa	atgcccaaan	720
aaccangggg	ggccttaatt	ttnttaagg	ggaaagggn	aggttcnggt	tttcccaatn	780

gntttccccc ttcccc

796

<210> 2869

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2869

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ggcacgagaa	tacacacaac	atataagaca	tggcantttt	ctgtttatgt	tatcagggtt	120
aaggcttctg	gtcaacagta	agctatgagt	agttaagttt	ctgggggggac	aaaaatttgg	180
ttgtcaactg	atggggggggc	ggtgttgga	cccctaacc	gtgcactgtt	gaaggggtcaa	240
ttgnaactgna	tttatatatg	ccancagctc	tncaactgtg	gtctgcagat	ctcatgaggt	300
ctcctttcag	gggaccacaca	tgggcaaaac	tatattcata	ctactactaa	agccatttgc	360
attttccact	gngttgatat	ttgcctgatg	ttgcaaaagc	nttgggtgggt	aaaactgccg	420
gtaccttagt	gcaaactcgag	tcaanggcac	taaacgtata	nttgccatta	gacccctctt	480
tcancattct	gtgctngcag	ntnaaanntt	aataagccng	ttttaentan	gaatgtcctt	540
aatgaagcaa	ttgaaatgac	taattttatt	aaaatctnaa	gccttgagta	tatatctctt	600
tcaatattct	atggaaataa	ntggnaacta	tncattaagc	atttctgcat	gcaaatatgg	660
nactgnnttg	aagnaaanct	ctgcgggttn	cnaattgcna	accttgaact	accattgat	720
acttgatgt	gcaggctncn	ggacaacc				748

<210> 2870

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2870

tttnmatgct	ggttgctggt	ctntctnnaa	gatccnngcg	ngncgaattc	ggcacgagcc	60
cagaatgaac	atgcagcccc	ccaagtaat	cctgtgatcc	cagggtttca	agatagactt	120
ttgagttttt	cacagtctgt	cttaactcag	caagataact	tgggacttca	gaaacagttg	180
gatctacaaa	gagaagttct	gcattatagc	cagaaaagccc	aggaaaaatt	gcttgtagag	240
agacaaacag	cattgcagca	gcagatacag	aaacatgaag	agactttgaa	ggatttcttt	300
aaagacagtc	agataagtaa	gcccacagtt	gaaaatgatt	taaaaaccca	gaagatgggg	360
cagctcagag	actggtttcc	taatacacaa	gacctagcag	gaaatgatca	agaaaatatt	420
aggcatgcag	ataggaacaa	ctctgatgat	aatcatttgg	cttcagaaga	tactagtgcc	480
aagcaaagtg	gtgagcatct	ggagaaagat	ctggggagaa	gatcctcaaa	gcccctgtag	540
caaaagtcaa	atgtggtttg	gacttaaac	agcattgaac	ttagtgtctat	acaagaagta	600
gagtcaccag	caattggcag	aacttctata	ctaggtaaac	cagggtattta	tgaagacaga	660
gacccctgc	gagtcttaat	taagcccag	acaaagggtt	ttttgggagc	ccctggccat	720
ggatcccggt	angttgnctt	n				741

<210> 2871

<211> 735

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 2871

tgnnagagta	nngnnnggta	cttgctcttt	ntnnangtag	cccgtgccat	tccggagggc	60
actgccctcc	tggaagagat	gcattaggat	cggtttgcnc	agtaatacct	ttacatgann	120
ccatttngag	aatgatnacg	ggccaaagnt	aacgggtgna	ctgttangnc	ancatggact	180
nngagaangc	aagggtnang	gtgaccaggt	ctggcanagt	aannagcctt	ncgntnnaag	240
ngnacctgnn	ccngaccnc	agaggatngt	naccantnng	actgnaggaa	tganncnngt	300
nnggntgatn	tntctncatn	gannccataa	tctaatagcat	gattangaga	nccaaattngg	360
ctgctcntta	anngacatcc	canannctat	ctgatcctaa	tgcggnncat	nctngatanc	420
ttagtgctnn	taaacgncgt	gntcatacat	nnactnatgc	ttnggcnanc	cactcnnngn	480
tggttangtna	cntatgtann	ncnngacngg	anacttctnc	tctgtgnagc	agtcatacaca	540
tctntacang	nnctangtn	antatngctn	tnaacncggn	ntgtagttga	tactggagca	600
tggttttctn	ntnacactgc	attgctgtca	catcttggct	gagcnnagta	atgtccgten	660
agnettaata	nacntngaa	tgntgggna	tcgcctggag	ttccangate	ntttggagtc	720
cgtcnacttt	tatnt					735

<210> 2872
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2872

agnangcgtg	tgaagtatcg	ccnccta	aan	agaaggcggg	cgattcggca	cgaggcccca	60
gggcatncgg	gggatccctg	tgattttggt		gaggggtgagc	acccaggttc	cacagggctc	120
tgtcctgggc	aggccagcag	atgcagtgat		tgcaaatcct	ccttgncaa	atggaacagg	180
cacgtgcatt	tgtggcacac	tcagagctgc		tggccactag	tgngctttgg	agaatcagtt	240
gtctcccagg	cggggaangt	ccctcagaca		taaaatactc	acccatttag	aggaatgaca	300
acagcaaagg	aaactatatt	ctgctaattt		actggtaaga	gaggaaaaaac	tctgtcatgc	360
atacacatga	cagaggctct	gcctaaagag		agaggcagca	cgatacagat	attagcaaat	420
gactactctc	cangaagaaa	cacaccagcc		aggaacggna	ctcacacctg	naatccagna	480
ctttcanagg	ccactccggt	aggatggctt		canaccatga	gtttgagact	agnctgngca	540
acctggcnga	cttcatctnt	accannaaat		gaaaccatgc	attccaacct	ncnannagat	600
cantnangag	acccacacct	gggagtnncc		agatatttca	aaggctnngc	angaaggatc	660
tcttnggccc	aggaaaangg	aaggcttgca		attgaactat	gacctaacca	cttcactttc	720
agnccggggc	nnccaaancc	atgacccctn	nt				752

<210> 2873
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2873

tctangagat	ggnatgtntc	gncctntctc	naagagnaaa	ggcttggcgn	attccggnc	60
aagatcgaga	ccntcctggc	taacacgggtg	aancncatc	tctactaaaa	atacaaaaaa	120
ttagctgggc	atagtggcag	gtgcctgtag	ccccagctac	tggggaggct	gaggcaggag	180
aatggcgtga	acccgggagg	cggagcttgc	agtgagctga	aattgcaaca	ctgcactcca	240
gcctgggcga	cagagtgaga	ctccgtctca	aaataaaaaa	ataaaatggg	aatatcaata	300
gggcctat	agtaggggtg	aagtatagct	ctaagtagat	ggtccatact	ggtccccag	360
cacataggaa	gccctcaaga	aataaaggct	agtggtaacc	tgcacagtga	tgggaggaca	420
ggggctatgc	agaaaaactt	ggagcaaaga	aacgagagca	aatatgggaa	aataacaatt	480
tgtgtggggt	tgaacatatg	gttggtcatc	gtactgtttt	ttcaaatttt	ctgtatgggt	540
gaaaaagt	ataatttttt	gggggaaaaat	ctggcatgtt	cccctgcacc	tanggtatat	600
caaatgtat	tgacaaaatc	caaattaaaa	gccaaactca	aaaaaaaaaa	aaaaaaaaaa	660
aactcgagcc	ctnttaanaa	ctattagtgg	agtcctgatt	tacngtagaa	tncnggacct	720
tggattaagg	atncatttgg	atgaagtttt	gggacaaanc	cccaactttg	n	771

<210> 2874

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2874

agnngcggnn	nnnngnaaat	gccctnnatg	caggaaccca	ngcgatccgc	ctgggtggtag	60
ttaccacaac	acatgcctca	ttaagaaaca	ntttncatca	gagggaatgc	ctgcctccct	120
gntaccagct	ctgcagatgt	gcacatatct	tcctgtcgta	agccaatggg	acttaaacct	180
tacctcttgt	gttttggaga	ctatctttta	tttttttttt	tttgagagag	tgtctccctg	240
tggtgctcag	gctggagtgc	agtgggtgta	tctcggtctca	ctgtaacctt	cacctactgg	300
gttcaagtaa	ctctcctgcc	tcagcctccc	gagtagcttg	gactacaggc	gtgcaccacc	360
acacctggct	aactttttgt	attttttagta	gagacggggg	tttgccatgt	tgccccgggt	420
ggtctcgaac	tcctgacctt	aaatgagcct	cctgcctcag	cctcccaaac	tgtctgggatt	480
acaggcgtgt	gccaccatgc	ctggctaata	tttatatttt	cagtagagac	gaggggtttgc	540
catgttggtc	aggtctggct	cgaactcctg	acctcaagt	gtccaccac	cttggcctcc	600
tagagtgtct	ggattacagg	gggtgagcca	ctgngcccgg	gctcttttgc	tttcttaaaa	660
gactttggtc	gggtatttgg	gntggatgga	gtattgngtc	tgggtgnggg	taattcgann	720
cctnnnttng	tnnggggggt	anag				744

<210> 2875

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2875

tcaanannca	gctcttgttc	tttttgcagg	atcccatcga	ttcgctgaga	tcggccactg	60
cactccagcc	tgggtgacag	agtgagactc	cgtgtcaaaa	aaaaaagtcc	caaactgttt	120
ggctttat	aggcagtaaa	tattctactt	cgggatgacc	tgtcatggag	ccagtaaggc	180
ctctacaaat	cacatcccaa	acaaatacaa	ctcagatgag	caaagtaagg	cccagatgaa	240
atgacatctc	gatctcttct	atggcagaaa	ctcagcaaga	cataatgaaa	caaagatagc	300
taaagtccat	tattttaatgc	tctactccca	agagaattat	gggactttta	ggctactcac	360

taacatacaa	aattaccatg	cagatatggg	gggaaagtcc	atgtccagaa	aaaacttggt	420
ttgcaaacct	tagaactatg	tcattgcagg	attatgtgtg	tgtgcccgtg	tgtgtgctca	480
caggctttga	agagttttat	gagtatccat	tatccaaaat	gcttggaac	agaagtgttt	540
tggattttag	attttgaaat	atttgcatta	tacttaacaa	gttcaagttc	agcatncaaa	600
acccaaaatg	ctccagtggg	catttccttt	gagcatgtca	gtacgcaaaa	agtttcagat	660
tttgagcac	ttaagattta	ggatttggga	tatcagcctg	cataatcaaa	ccttcttcat	720
tcaggaatgt	aaaangaggt	ttaatatgag	cttan			755

<210> 2876

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2876

agcgncccg	ntgaactgaa	atcccccttc	ngcaggagcc	catcgatnccg	aattcggcac	60
gagatcacct	gatgtcagga	gttcgagacc	tttttggtca	gcaagggtgaa	accctgtctc	120
tactaaaaat	acaaaaatta	gccaggcgtg	gtggcgtgtg	cctgtagtcc	cagctacttg	180
gggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	agggttcagt	gagctgagat	240
cttgccactg	cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	aaaaaaagaa	300
gatggaatta	gctgagtttc	atggctgctt	gggaggtttt	ttgcagacaa	agactccctc	360
tctcaccag	actggagtgc	agtggcgtga	ccctaactca	ctggagcctt	gaactcctgg	420
tctacgggtga	tcctcctgct	tcagcctaag	tagctgttat	tggcatgagc	cactgcccct	480
ggctcacatg	gctgcttaaa	tggaagagtt	agcagttgag	actgagaaac	atgaaggact	540
angtaagtat	ggggctccca	gatagagggc	agcccacaaa	cgagataagc	agaagctgcc	600
caaaggggga	aggaaagaca	gcccagacag	gggaatgtta	agaagaagac	tcaagccaac	660
tcaaggggtt	taataaaaaa	ggagcctaag	ctctctttaa	nncattcacc	caagccatat	720
gggatttcag	caaacttggc	cctgtcccaa	gggacctccc	ttttggcaag	g	771

<210> 2877

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2877

tnnnnttgac	ncnttncnag	gctaacttgtt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagct	gggagcgaga	cggtggcccc	gnccagcccc	atgggccaca	ccggctgggtg	120
agacgagagg	atggggcagc	aggggaccgg	gacctgcggg	cagctgtggt	gatcaggacg	180
ctgaggagcc	aggaggcctg	cctggaggcg	gtgctacgtc	gactacaggg	acagtgtcgg	240
caggaactgg	ccaggctggg	gggagcccg	cctgggtctca	tctggatccc	gccacctgga	300
cgctgagggc	ctgtcgacgg	gccctcgtgt	gggaagcctg	ccctggccca	gcctggctgg	360
gtcttgagg	ancagattcc	aaggccaggt	ggccgcangg	acgatgcaga	tgcagagccc	420
acgtnacatg	ctcgctccag	gggtggggct	gggctgactc	tggccggatc	ccaagcctgt	480
ggctagcagc	actggggaca	ggaatggctg	gtcccttgag	gaggtcntga	caggctcaac	540
ctgntgggtc	ggangggact	cggaaataaa	ttgtancagc	tttccttgcc	aaaaaaaaaa	600
anatnnannn	nnnnntnnnn	naaanaaaaa	aactcgagcc	tttaaaactn	ttngngaagt	660
cgtatttact	tngaattcca	aaacnttgat	taggatncct	ttgnnnnaat	tttggganca	720

aaccncaaac ttnnnaatgc cnnntnaaaa aaaaagcctt ttatttttggg gnaaaatt 778

<210> 2878
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 2878
 tgcatacaca cgcttnggaa ctngccctct ttctgcagga tcccatcgat ncgcgctctc 60
 cctttatagt ttctctataa aaactgggtt taaaattagt ggaaaagggc aggttgaatc 120
 aaggtgaatc aatctgaaat tgagcacacc tgcctgccat cgctgttcct tcaactgagt 180
 gctgcacatc atgggctctg tctgtgagag aaaaatcccg gtgcttggtg tccttgcacg 240
 acatggagtt ttgcatgtag atcantttaa aatgtacctc ttgtttacat aatttgcata 300
 attttaaaag ataatgttgn cnaactntgg aaatgttaat gttcagactg aaaatctcca 360
 ctacatgtaa ctctcttccct ctggatcact ggcattggntt ataatcccag ccagtgggtt 420
 gaactgntcc antgtcaact gccatgtgct ctgcttcaag ggggaactag ccttttgnga 480
 attttttgcc ataagtattt gttacnaata ttttagcaaa tgctttctat tnctctagct 540
 tgtgcataatc ttggctgggc gttacagaan nnatagncta cccattatnt tncttaccgn 600
 ggaaatgaag ggntantncc ttccncttt tantccggtc cnnnttttna ctttaatgta 660
 naggngggtt gggataaagg gaangngat gnangaagcn ttaannnacc tnaaatttct 720
 tgaaccccn caangncnnn ngggttcctt ttaaccccn aannn 765

<210> 2879
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (811)
 <223> n = A,T,C or G

<400> 2879
 cntgntnnnn nttcaancct ggnaancgcc tttctnnann agancggtnc gnttttagaaa 60
 tagaactcct gtagatgtgt agaaagantg atggnaaaga gaaaggactg atgtccttct 120
 tttcattgaa aaagatattg tttaggctct acaatggctt aggtatggtt tgagactctg 180
 gggttacaaa gcaaagaaaa cctggcctct gccctgctca gagaacagca gggatacagc 240
 atgttagcaa ataagtatat agtgtggaaa ggtctgtagt caatagcagt cattttgaca 300
 ataggaaaag gaatgtgtga aacttctggg tctgtgtgtg tgttggggtt ggtgggtcaa 360
 gggaggggat ccaaagatgg ttactactaag aagggaaaaa caccggacct gagacttgaa 420
 tgcaagtaga attttgccag gcagatgatc tgttcttcca ggtagataat ccatcctggg 480
 cagacaaaac caggctgtag aaggaacacc atgtgtggag caatagaaat atctcattgg 540
 tactggagta taatgcacgc caagaaacca ggcaaggtag acanggggcc acccgtgnaa 600
 ggaaacctct tgaaatangg ggaatggata ttcacacat tttccattgt ttaaggacca 660
 aattgggaan aaagtttnaa tantccaaga atgttaagga aaaagnttaa atgggaaggg 720
 gaagacaaaa tttccaaggt ggnttccaag ccnaagggg attgacncan ttcccttaan 780
 ttttggaaaa ggncnngggg tntttgggaa a 811

<210> 2880
 <211> 771
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2880

gagattttcc	ttaactgcaa	tggctactcg	ctctttccgn	agcccatcga	ttcgctgggt	60
catgaaataa	cagattaaaa	atgttctctg	gtaattttta	ttaaaccattt	ctgtaaattgg	120
aaggaaaaga	aaaagatttc	agagagtctg	atcaataata	gcttgtgggt	cctagtgagt	180
ggagcagtgt	ataaagaggt	aagggttttg	agggaaaaaa	atactatgtc	aaatggggggg	240
tgaatgataa	aaatcgctct	catttttcctt	tttttcacct	ttcatcttca	tttatggaat	300
ttctatacaa	taaatntgnt	tggcatttaa	taacagtgcc	tctcccccg	aatactgttt	360
ttattttatc	ttacttaaca	aaatattntg	tagtgggtct	gtgccaagtg	ctgttctaag	420
cactttgcna	atattnttct	acntaaccct	ataaggtggg	tctgtttta	tgccctcttg	480
ttcgnttgcc	agcaattaat	gaaactgaaa	cagtgcctgt	ccaagacacc	ntaagnagta	540
aatggcatag	ctggaatttg	gccctnaagt	cagtcctctt	aaccactgng	ctcttctgtc	600
tgctaattgga	aaacccttat	aaagtgggtga	accanaaaaa	gccagagggtc	tggttttann	660
ntnccatttt	nggcnttttn	aaaaccgggn	tttttgctc	ttgtcccccc	aagaanttgg	720
gggttttcaa	tggaaccttt	ggntcncnnc	canngggggc	tcnancnnn	g	771

<210> 2881

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2881

acngcncgnc	cancngntng	gaantccccn	ctctgcnnng	agcccatcga	tnngaattcg	60
gcacgaggng	aggcatnttg	gcntnaacnt	gcgtttttta	cagaagttat	gtgccactgt	120
ggaaatngct	ggaaatacaa	atgcaaaaaga	aaacacaaat	ctctgncatt	ctgcagaaac	180
agcattctnn	ngaccccntn	nggcttatct	tatagatgta	tatccttgtg	cttacagaaa	240
cttgatcata	ttattntatn	actngcnggt	tcatntaaaa	atatcatgaa	catcttnngt	300
gacatgacat	gtctcnnctn	tnaatgagng	catagacnnc	caaactacaa	atcttccata	360
ctcngtgnan	agnncctcca	ctgcagtcca	ncctgggcaa	cacantgaga	ctccgtcgca	420
aaaangncaa	nagacngct	attgacnnc	atlttgacnt	tggtganng	tggcantaat	480
ntgantgccg	taacancgaa	tgaggaggng	gagaggaana	naccgggagc	ccaagttna	540
ttgggaaagt	ggntcaggcc	attggtantg	naaaaaatcat	aattcncang	antttganat	600
gggagaaatg	cgggcnggac	ttgaccgnat	ctnactgaaa	ncgnanactn	cancgggaag	660
ntncaaggcn	aanngntcat	tttaaaccct	anggnnttcc	angctggnaa	nganncccng	720
ggattgnncc	nactnncctt	ccaggcctgn	aanaacaaaa	actgnnct		768

<210> 2882

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 2882

gcnttcctaa	accctttgnt	ntcgcctctnt	gcaggatccc	tcgattcgta	aagttacact	60
taaacagtga	tacatagatt	gccagatntt	ttttggaagg	gctttgatta	attaggcttc	120
agggaaattg	tgaataaaaa	cataaatctt	gcaatagggt	aggggaaaga	aaataatccc	180
actcctgaag	tgatgaaatg	aagagtggct	agagaggaga	aaagaaccag	gacaggtgat	240
atattagcaa	ctgtcagtgt	gaataatcca	gggtatgaca	tttctaattt	agcctcacat	300
ttaagggtcat	ttctgattca	acctcaaatg	atccttctag	cctactgctc	ccctaaatat	360
taatataattc	tttgtgccag	tcacagtgtg	ttaacatttc	cctgaaaaca	tcttaagcat	420
tttttttaac	ctatgtgact	tttgccctct	tccatctcaa	ccttttataa	tcttacctac	480
ctgtccctta	cttcatcaaa	tgtttctaat	tatttagaaa	caacttctaa	atttcctaata	540
atatatgtat	atctgngttg	agtatgtatg	tgnnataact	aaattagagc	taaaatatctc	600
ttttattagt	atgaaaattt	gtgnaattag	ttgatttatn	ccttcatata	tctctgggag	660
aaaatctctt	ggtcaagcct	ggtagccctc	agagaacttt	aaagttttat	tgattctaat	720
nttatgtatg	tatgcatgna	tgc				743

<210> 2883

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 2883

gantcagctc	tggtcttttt	gcaggatccc	tcgattcggtg	aaggacctgc	ctgcggctgc	60
tttacagttt	gtttgttttt	ttttaaaata	agtagaagat	atacactaaa	gtaatgataa	120
atgtatagta	tagtaaatac	acaaaccatt	aacagttgtt	tattttcaag	tatatgtact	180
gtacattaat	tgtgtgtgct	gtacttttat	acaactggca	gcatggtagg	tttgttcaca	240
ccatcttctc	cacaaacctg	agaatcgtgt	tggtgcactg	caagtcatta	agttaggaat	300
tggtcagctt	cattataatt	tggtgggaaca	taagatgtcc	ttaaatagca	cataactgta	360
atgtgttttt	tttaacatct	tggttttttc	agcagctatg	ttagtatcca	gcagataact	420
ggcactctgg	acatttgatg	ggtgaaaata	ttcacgggtc	attcttttct	tcgaatgagc	480
cccaataatc	attgcctcct	gaattcctct	atcaatattt	tgccatcat	ttgacatttt	540
tagacattta	aaacttctta	gtaagatagg	acattactgt	aagagcattt	gtctgcatat	600
actatttcag	tttttttccc	ctttgtctga	gttaattctc	tatctactgg	tcacagtaaa	660
gagttccata	acatactaca	cttgccctaa	cagatttaac	ctctggcagc	tcacttgact	720
gaacacagta	agtaagg					737

<210> 2884

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2884

acntngttct	gtnnnngaana	ncctnnctc	naaaancnag	gcgggtgcgtt	ntcagccacc	60
tccactgact	cctacctcca	aagtnnatac	tttttagacc	ttattttcct	aaggatgagg	120
ntagtangag	ggctgcttnc	cctcagcctg	gattactgct	ttggcctaga	agatgaagat	180
ggcatatgtg	gttatgcctt	gggcactgta	gatgtgaccc	ccttnattaa	aaaatgtaaa	240
attncctgga	tccccttcat	gcaggagaag	tataccaagc	caaagtgtga	caaggaactc	300

tctgaggctg	agaaaataat	gttgagntnc	catgaagaac	angangnact	gccanaaact	360
ttccttgcta	atntcccttc	tctgataaag	atggacattc	acaaaaaagt	aactgaccca	420
ngtgtggcca	aaagcatgat	ggctngcctc	ctgncttcac	tgaaggctaa	nggctcccgg	480
ggagctttnn	gagaagngag	accanatgan	anaagaattc	tggaatctta	cagcangtta	540
agatggtnnt	gaaattgcaa	aaaaaggaag	gatttncaaa	aggatgnngg	ctattacttt	600
ggtcnggaac	cctggggacc	aattcnttga	cactgggnaa	ctgntncaaa	aagtctctta	660
actgcaccct	nggnnnantg	ggtaacttga	agggcntcca	taacagtcaa	gccncnagaa	720
atgggnacca	aaacccatncc	aannggantt	cgcaaccnan	aaagacnnt		769

<210> 2885

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2885

gaancanctc	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	agattgaatt	60
ttctgataat	tgaagcttat	taattgtcta	aaattatctt	aagatatttt	ctgatgtaca	120
tcattttaaa	atgagttgca	cacattttcta	ttctgtttca	acatattcaa	tataattttc	180
gctcttggtc	atctgttggt	attcattata	taattcanac	gtggtctcag	gtctggagac	240
atgtgaagtt	attgctccta	cactgagtgt	ttccatgtca	ttatgcctta	atccttattt	300
agacacagct	atgataccct	ctttacaaca	taaaggataa	gcaaaaggat	gtataaatgt	360
atcctgggct	ggaaagtggc	attattgact	ggccattggc	catcagcaaa	ggggcctgag	420
tggaaggata	tgaagggatg	ggtgtaaatgt	agatgacngg	ttgatgggtg	cagcaaacca	480
ccatggcagg	tgtataccta	tetaacaaac	ctgcaggttc	tacacatgtg	tcccanaact	540
taaagtatag	ttaaaaaaaa	aaaggatgan	tggtagcac	agctgacaca	ccccacgaat	600
atctgggggg	ctttgagaan	gttgctgana	tccagtaatc	atgtggcaag	tttcagttat	660
ttttattgag	acctcttggc	tcaataggct	gttgaagtcc	ttggaactcc	atcaaagggtg	720
ggtttcccaa	tctnccatga	ctgcng				746

<210> 2886

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2886

acngcgnncn	ctgaacngga	aatccccnt	tgcacnggat	cccatcgatt	cgaattcggc	60
acgaggtgat	agagatcatg	ccgcttgggt	tntttnttct	tccccctcgt	tgtaattcag	120
caggcttccc	agtgtgccct	gcatectcat	ctgtgaggcc	gacttcacta	tcattccac	180
ttataggtgg	aggagactga	ggcacagagc	tcccaaagcc	ccacagctgg	cgagtggcag	240
ggctagcgtg	cgatgtccac	tagactgggtg	tctgacgcag	aagctgcgct	tctcacccct	300
gggatctgga	agataattct	gatgtgtgag	atccaggaga	atgcattgtt	taaccagaaa	360
atgttttgta	actgcatttt	tgtttttgac	agaaatgtga	ctgcccactg	aatantgagc	420
attggaatta	gagaccatct	agctgccggg	gctgggntgg	gtcatcttgc	gnccnttaag	480
actgaattgg	gatgctggat	tccantctta	aaaaccggca	tggngacata	ccacaaacag	540
ggtancntaa	aacaacaaaa	tntttttcac	aattctgaag	ggtaaaaggc	tgaaatcang	600
gcntgtgggc	acggtgagct	ccttcttgan	gcanactggg	cccgttcctt	nccggaacct	660

ccggnnggca acaagcttgc cctnggggggn nccctgnctt ggancctgng ttaaccccan 720
actnttgncc ccgncttnat ggggnancc 749

<210> 2887
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 2887
gaatnaatcg cttggctact cgcnccttttc tgcaggatcc catcgattcg tgtggcccca 60
agagtgggag gagtgggctg tcagtaggcc acnttntaaa tatctgtgtt ctggctgacc 120
cccatatgct aggatactgg agatgaggaa ctggagaagg tgcttaaaga gcacatctgt 180
ctggtagagg acacagagct gtccttcaag catttgaacg atgttctcat ttccctggaa 240
tcttctcctc tccaggctca catctctagc tccttcaatg attcctcttg cgacatcatt 300
ttagttctct tccccaacct agtctttttg cttttaatga atgatcactg atgtatagcc 360
ctgatgacat ctggtgtcca cagtgggtgcc tgatgctccg ggtgaagttg aagtttgacc 420
agtaagaggg aagaaagaat ggctcctccc tcatttcaga gaatacatcc tagtcacaag 480
tgccccta at gtcactcagg tttttgatag ctacattccc tcaactgatcc agtagaatac 540
actaccaact gatgcacat cttgattaac aacagcaagc cttcccttcc ttncctcaagn 600
atctctctn acatggcttc catncagatt tgcttttaac ctgccacttt ggaangggcc 660
ccccgagatc attttaatta aacacgttat tagaactggg ttaataaggc tancctctat 720
gtctctgcna atatttccaa gc 742

<210> 2888
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 2888
nggttttang accttggnta angccttttc tgcaggancc catcgattcg aattcggcac 60
gagctctttt cttgcttagt gatggcatcc attttaagga acaaacctgg aaatgctgag 120
caaagaacac atacccttca tttccaaagg ttcatttccc actcttactt tagattgaca 180
atgagttgta gttcaaaggc tgccctgcag ggaagctcat ataccctata atttaaaggg 240
cctcagacga ctcttgggaa acttggtaaa acattctatt tagagacatg cctgctgata 300
tgacatatat ttttatagtt ataccctttt attgctggga cataaaacct gttttcactc 360
aaaatgttcc tgctttcaga aaatagaaca agagacatgc agaaaacagt gattctatta 420
ttgtgtatta tgacttttgt tttatagttc tcttttccaa ctcatctctt ttccctgcag 480
ctgtggaatc tggacagcaa aatcttgtgg acgtttattc cactaagccc agggatgaga 540
tggcactcan gttaaagaac taacattttc tgaaaccctt cattactttt taccagcatc 600
angccctctt aagttccaag tggttaagaaa cccttcattc aaatctttac ttccgncant 660
ncccatcttc aagcccttct attatgaacc aaaatttcan gaaaccncta gggatgcccc 720
ttaagaaatt ggggttacat ggttggnccc aaaaa 755

<210> 2889
<211> 717
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2889

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagtg	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtctta	300
gagccataat	cctttttttc	tccttttgtg	aaagtgcag	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agatttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccggaaaat	nacttggaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2890

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2890

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagtg	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtctta	300
gagccataat	cctttttttc	tccttttgtg	aaagtgcag	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agatttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccggaaaat	nacttggaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2891

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2891

gagtacgang	ggcanaactg	gaaaccccat	nnctnnnanga	anccanngcg	atgcgaattc	60
gggcacgagg	ctcttctctg	tgccctttat	ccgntttttc	cagctcacag	cactgacaac	120
cggtatcatc	tccaggctct	ccggcacctc	tatgtgctgg	ccggggagcc	caggcttcta	180
gtgcctgtgg	atgtggacac	aaacacgccc	tgctatgccc	tcttagaagt	tacctacaag	240
ggcactcagt	ggtatgaaca	aaccaaagaa	gaattgatgg	ctcctaccct	tcttccagaa	300
ctccatcttt	taaagcagat	taaagtaaaa	ggcccaagat	actgggaact	gctcatagat	360
ttaagcaaag	gaacacaaca	cttgaagtcc	atcctttcca	aggatggggt	nttatatgtt	420
aaactccggg	cgggtcagct	ctcctacaaa	gaagatccaa	tgggatggca	aagnttgntg	480
gctcaagact	gntgctaaca	ggaactcnga	agccccgggc	tttcaagcca	gaaacaatct	540
cagcattcac	ttctgatcca	cacttctggc	atcttctgaa	nattncngca	agccaactgn	600
gaacatgggg	cagaaaacag	gaaantctgg	aactcttttc	ttcagncccc	atgaaagggg	660
taccagggag	acccaaaaaa	gttgcccgcnc	atacataaca	atggacaggc	tataagaaaa	720
cttgggaaaa	naaaaatgtc	tgat				744

<210> 2892

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2892

angttatnaa	accctttgga	cncgctcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagatcacg	cccagctaata	tttttgattt	tttttagtaga	gatgggattt	cacogtggtg	120
gccaggatgg	tcttgatctc	ctgatcttgc	gatccaccgc	ccttggcctc	ccagagtgtc	180
gggattacag	gcatgagcca	ccacacctgg	ccacagaagg	gatcatttct	aaatagcata	240
gaatcacagg	gagtacacct	catgtgactt	cacgttttaga	gtcagcattt	gctcataatg	300
aattacatat	cagtaaatga	acatgacatg	cttcaacttc	aataatatta	aacaaaactc	360
tttcagtgtg	cttattcata	gacgaaaaaac	agggcctgaa	aaccagtggt	gacttgggtg	420
tcatatatct	tcagtttgga	tgactatat	cagtgtcta	caataaaggc	caggaatgat	480
tttgaggtat	aatgtccagc	cttaaatctt	aaatgaaagt	gaaattcaaa	cacttagccc	540
agcagtagaa	gaacaaacac	tagtgagaca	agtataaatt	tgntaagacg	aacatgggcc	600
agatcccat	atctaata	tgggggccct	cgacagtatg	taccgtctnn	gaanaggaag	660
naaatattca	aggtncccaa	atggagccat	ttccttcaaa	agacaggccc	aaggagcttn	720
tgaaaanaaa	anccaagtgt	nggccanaaa	angaaggggg	ccct		764

<210> 2893

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2893

gnntnnnnnn	nngnnctngt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgagatt	60
tcctgaggtc	tccccagcca	ggctgaactg	tgagtcaatt	aaacctcttt	ccccaataaa	120
ttaccagtc	tcgggcatgt	ctttattagc	agtgtgagaa	tggactaata	caagtaccat	180
taataaattt	cacaacgtag	attaaatgtg	caaattcctt	gaaagacaca	aattaaaaaa	240
tgacctgaga	agaaaagaaa	cttgaataga	tctgtatcta	ttaaagaagt	tgaaattata	300
attagaaacc	ttttgaacat	tagaactcca	ggccccctgt	tgtgaattct	atcgaacatt	360

taaagtagaa	gtgaggccaa	ttttacataa	gctcttttag	acaataaaga	aggaaacatgg	420
tttatgtgat	tattaccttg	atgttaaaac	cagacttaag	accttacaag	gaaagaaaac	480
tgcagttact	catgaacata	gatgcaaaaa	tacctaataa	aagtttagca	aattctatcc	540
agtaatatat	aaaaatgaca	attcatcatg	ttcaaaggg	ggttatttta	agaatataag	600
ggttgcttta	acatctgaaa	gtcagtcagt	attaattaac	catactggta	ttaataacct	660
agnaaaacca	ttttggagca	tttcaataga	tgcagaaaaa	gaaatttgac	aaaaatggcc	720
cat						723

<210> 2894

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 2894

tacaagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggagaggcc	60
atggcccgcc	agaccgtant	ctcagacaca	gagctgagta	ttgttgaatc	atctgtgatc	120
agcttgctgc	aggaggcaga	aagtaaatct	gaacttagtc	agaacatctc	tgccccggaa	180
cattttgtat	ttaccgatat	tgatggccaa	gtgtatcatc	tactgttgga	aggaaactca	240
gtaaaagaca	gtgctcggat	tccaccagat	ggaagtatgg	gtagtattac	ctgcatcgct	300
tggaagggtg	atacattagt	gcttggagat	atggatggaa	atttaaattt	ctgggacttg	360
aaaggcagag	tatccagag	aataccacaca	caccgaagtt	gggtgaggaa	gattcgtttt	420
gctcctggta	aaggaaatca	aaaattaata	gcaatgtaca	atgatggagc	tgaagtgtgg	480
gatactaaag	aggttcanat	ggtgaacagt	ttaagaagtg	gcagaaatgt	gacctttcgn	540
atattggatg	tngactgggtg	tccgtcaa	aaagtgatct	tggnctcaga	tgatgggtgc	600
atcaaaagtc	ctanagatgt	ctatgaagnc	tgcgtgcttt	anaatggatg	aaccaagagt	660
taccgancc	ttgtntgggg	ccccctatct	ccttgttnca	agggcctntc	ttgccttgaa	720
agcccttttt	attacacc					738

<210> 2895

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2895

gtttaagcag	ctctngttct	ttttgcagga	tcccatcgat	tccaattcgg	cacgagggga	60
cgtccangat	caagaggcca	gcagattcgg	actccgctga	gggctgtttc	ccgatccata	120
gatgggtgct	tctcgctgta	tcttcaatgg	tagaagcaca	aacaagcaag	ctccttcctg	180
cctcttttat	aaggactcca	accctgttca	tgagggtctc	gcccccatga	cccaatcagc	240
tccaaaggcc	ccacctccta	atactgtcac	cttgggggtg	agaattccaa	tgtgaatttg	300
cagggggagt	gggggacaca	cacaaatttc	ggggccatac	cacccttcac	cacaccctcc	360
tgcgctcagg	gtggcttgca	gtccctggcc	cttctggtgg	gcatttggtg	tgtcctttct	420
cttgggggtga	tttctgatgt	ttttactcta	tatagtga	agctagggag	agcgggtctt	480
ctccccctc	cctctccagt	cccctcaca	tcccagatgg	gttcta	agctgctggg	540
gcctgatgcc	ctgagttggt	tgtgattcaa	taaagaatcc	ataagaaaa	aanaantncn	600
tnnnnnnnnn	nnnnnnnnang	naannnnnn	nnnnnnna	nggnnnnnn	annnnntna	660
nnnnnnnnnn	nnnnnnnnnn	ntntnnnnnt	nnnnnnnnntn	nttctcnn		710

<210> 2896
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 2896
 gtnatgttgc natgctnttt gcaggatcca tcgattnggg aaccaggggc tgcagaaccn 60
 gccntcccc aatgaggacc ccctntggac gccctcccc atggagaaca ccaggagcca 120
 cagaccccag accacagagc acacagggga gggcacgggg cgcccggggc aggggtgtctg 180
 ctgcctcggt tatgggattt gctccgcgtc tagcacactg ctgcctgcag tgctcctgtc 240
 ccctgcagtg gctactctgg gcctacgggc ctaatcctgg ttggcatgaa aatgtcctga 300
 ggctactgtg acaaatttcc acaagctgag tggcttaaag gaacacattt gttctcttac 360
 agttgcaggg gccagaagag tctaaaaaca gtcagcaggg ctggttccnc ctgnaggctt 420
 ataggggctg aatccggttn ctgncttttn tagtatctgg agggcgctg catccnctng 480
 cttatggccc ctttcatcac caaanccagt ngtgtnacat cttccacct ntccctgacc 540
 ctgacctncc ccttttctct taaaaggacc ntgtgtnact ttgggcctac ctanntnatt 600
 tagggtatct antatttaag gaacctgna ttttaatncc actggcnagn accttttgcc 660
 aggtnaagng acaaattcca agggtttttag gatnaaaant gg 702

<210> 2897
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2897
 gtcaaagctg ntctcgatg ctgcggaccc tncatgnncn agtgccttcc gnaattgacc 60
 cangtggga gctattnaca catgtccatg tgggatanag agngcatgan agcncannan 120
 cccancctgn tggtnacact tgctcatctg aggnctnacc tggatancan anacctaate 180
 catggggacn nnaancacct aatgngetnn tntgtaacca tccnnntggg tgaatnaccn 240
 gaggnccagg antngacnac ctctgtgacc cacnctggga tnaannngtg ctantataan 300
 tcgntgctgg cttgactcct gtgcctaagt gatcctcctg ccttnactng ngactagtga 360
 ggactannng ncnacaccgg cacacntggc taattgctta aantcncann nttntnnntg 420
 ganacgggan nntantgngn acgncnangn tggncatgaa cttttggcct taagcagacc 480
 ttctgntgcg gcctnntaaa nngnnnggat tgatccnctn agncnnnncc atggcncata 540
 nnattancta naggtttaat nttaggtgan tttnacgta tattgaaatg cncaantctt 600
 aactgccagc cnttaaagaa ntccnatnga gatgtaatcc atatactnta gaaanntgtn 660
 catanttcac catgcnttat ttgnagggtg accanttcen gggttattt 709

<210> 2898
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)

<223> n = A,T,C or G

<400> 2898

ngttaagana	cagctctgtt	ctttttgcag	gateccctcga	ttccgaattc	ggccccgaggg	60
ctattaaaaa	tgtaatcagt	gtgaaaattc	atgccatctg	aatcgtacga	gtatgtaagg	120
gatttgagtt	ccttacagaa	ttttctgtaa	tttagtactt	caagtgactt	ataaatgtat	180
atacttctct	ctcacaaaag	tgttaggaga	aggaaaatct	taaatactag	cttgatttct	240
taatttaata	acaaaaaaca	attctcataa	catgtatcac	ctaacatgtc	actttcactt	300
taaaagtcta	aagagttgag	gtttatttct	tttcttttaa	agttgatgtt	tatgttggtg	360
atttcgaaaa	gatcagatcc	cccgttatga	aggatcttaa	ccttgctctt	tagatctcca	420
tgagaaatgc	agtacatgta	gcattagcca	tattttcttt	ttagaggcct	atgtaggata	480
tttataacct	gtaaaagttt	gatgacttca	tgctcaggag	aaagcaagta	attacctagc	540
caagccaggt	gggtgttcag	gttagtggtg	aacagaaagg	agatgttgaa	agatttcata	600
tctaaagggt	aaaaacacan	gagaagtata	tagagataaa	catgtaaagt	ataagactgg	660
tacatagtaa	gctcctncga	agtggcagcc	attggtatta	tttttctgg		709

<210> 2899

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2899

tgtntatagc	ggctctcttc	tttttgcagg	atccctcgat	togaattcgg	cacgagctct	60
caaataagaaa	tgggagataa	gaantatatc	tgtgcaatat	taaattgaaa	aanggnaccc	120
ataaaaaagt	tcaaaggcaa	ataatttgct	ctagatcaca	aaactagtta	gcacaaggct	180
aggattataa	ccaggggtcta	ggaaaaaatc	ctgaagggtga	tttaactgag	tgtagggccc	240
tgtcaagcca	cctgctaagg	ctcatgggtc	ttcagactag	cttcaacatt	ccaaatcagg	300
caatagctac	aacggaaaga	taattggacg	gggaatcctg	agatcagagt	cctagtttgg	360
ctttgtctct	tgtagcagga	ttttttaaat	caggggcagc	tctcttntcc	catcccagcc	420
atgaatcttt	caaccttagt	ggtcaccaac	ttgactccat	tccttatatc	aagccttgct	480
ctgtcaattc	tccctttaa	gttaagttgc	atccatttct	aaatatatcc	atggccatca	540
ccctagttaa	aagactatta	cctnacaccc	cgcnccttga	tcttcccccn	ncttttaagt	600
gactcaattc	cttatatnac	tgcencaaga	ttaacanccn	tgtccatctt	tcatttctct	660
gctgaaagat	ntcanggggt	cccctgantc	caaatanng	ttcgatccct		710

<210> 2900

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2900

gnttntcaag	tgacangann	agctctgggtc	cctcgattcg	cagaaaacta	gcagggttaca	60
ttttataggc	tattgtagtt	ttattttacca	aatgatattc	tctaaatcac	ttcgaccaat	120
aatgtattc	tcctccttaa	agcagagttg	tatcaactct	gtgggagcat	ttatgagctg	180
tcagtcccca	cacttctagc	cagaatcaca	ataagggtctg	gctgggtgtg	gggtgctgca	240
taggaaaggg	tctctggaga	agcaagaagg	gcacaatcat	ggcccactgc	tccccctctc	300

ttctcagtgc	tctttgccct	ctcctgctgc	gtgcttccct	ttcactccag	tgctgaccc	360
cctgctctct	ctggcagctt	ccacctcacc	cgccccctct	ccacactata	accagtatgg	420
ttggtgctgg	ggcattgact	cagccccctt	gctttctgca	tttgtaatag	atattaatat	480
gatttcctaa	aacagaagat	tttggtgctt	tctttgaact	tgtattgaaa	accatacagt	540
ctcactgttt	tgctttaatt	cctatccaca	ctataaatgg	aagaaaaaaaa	ttaatagctt	600
ctgtttaatc	tgatgaatgt	ggcttttttt	cccttcactt	taatgttcaa	gaagttggng	660
gctatttcat	agattcttct	ggattaatct	gggggtccct	ggtatctg		708

<210> 2901

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (709)

<223> n = A,T,C or G

<400> 2901

tttttacatc	agctcttggt	cttgcaggat	ccctcgattc	gccgnattgg	gctatggaat	60
tggaaggcct	gttttgaggt	actctaaatt	aaaaaaaaagt	tatatttgta	aaataaccac	120
cacaagattg	cctgattcac	agttcttctg	agtattggcg	taggtaatta	tttaagatgt	180
ttgataaatt	gtaaaatgct	ttttacattt	tttaaggaat	caattgaact	actggaaacc	240
agtatgtagt	attcttggca	ggtctagggt	tcataatcct	aatttctttg	cagcccacta	300
ttcagaaatg	tagtgattaa	cagagtcaag	aatgtttcag	gatatttttg	gctacaagta	360
acaataccta	actaaaagtg	acttaaataa	taagcagttt	gttatttcac	agaatgagaa	420
gctcagagcc	agagagttac	agggttggtt	cagcagttca	gtttcatcaa	gaacataaga	480
cttgcttact	ttaaagctcc	tctgcatgtc	agcagagggc	tgccccaatt	ttagatacca	540
acatctggcc	aaagaagagc	agggaatgct	tctttaagta	cttattaggg	agcaaaaactt	600
ccttaaaagt	ctcataggag	gtttttcctt	aggtctcatt	ggatctcaat	ggctcttgca	660
tctagaaaaa	ggccacattc	cttactctgg	catttaagtt	tttataccg		709

<210> 2902

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2902

ggctnnttnn	ccttgtnnct	ttntgganct	nnctgatccc	tcgattcgaa	ttcggcacga	60
gaggagatng	ggacagagca	tcctaagatt	caggagnttt	tnctagtcac	agggagcngt	120
gctattcaga	ggccccaagg	tnnganggag	tttggntctgt	ccaaggaacg	caagaagggtc	180
antgcanctg	angcanagta	agtctgaang	agagaggtca	gggctgagat	canggaggtn	240
gtctgaggcc	cctctgaggg	ggacctgata	aangggtttg	aattcattnt	gaantgtaat	300
angtccatat	tagaagcana	aactataaaa	ggagttangc	tgataaacct	agggntcata	360
acagcacgaa	aaaggcaata	gataatanga	cacaagcaan	aaaaaattca	cgtgattaaa	420
ataatacact	tgacagagctt	acaaagagaa	atgtnagtna	tccaggaaat	ctantngcat	480
ctaagncttc	attcatctta	ccagataaat	gaaatgctna	aatntnagtt	gcttgcatat	540
ntaacacaca	gatattcttt	tatatacaca	cattcatgtc	ataaancatg	tgangnttat	600
cnanaagaat	tnanaatnct	tgtgatgagc	tttacttacc	ataggtcata	ttataatgat	660
taatgagggc	atttgaaatg	tatttcacct	atcttgagat	ttgcaanatg	ngtatgaaac	720
atgtcatatc	atnactatgc	actntaaaag	ag			752

<210> 2903
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2903

gtcttcttca	agatgnancc	ctttcgncn	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagaccatt	ttattttttg	ggccattacc	ctttaccctt	tattgctgcc	aaaaccacat	120
gggctggggg	ccagggtctg	atggacagac	acctccccct	acccatatcc	ctcccggtgt	180
tgggtggaaa	acttttggtt	tttggggttt	ttttttttct	gaataaaaaa	gattctacta	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaactc	gancctttta	300
aactntagng	agtcgtatta	cgtaaatacca	gacntgataa	gatncattga	tgagtttgga	360
caaaccncaa	ctagaatgca	gngaaaaaaa	ngcttttatt	gnnaaatttg	ggatgctatn	420
gcttnattng	tanccattnt	aagctgcant	aaacaagtta	ncancancan	tngcnttcat	480
ttnatgtttn	aggttcaggg	ggaggtgtgg	gaggtttttt	aattcncggc	cgcgnggcc	540
atgcattggg	cccgggtacc	annttttgtt	cccttnagtg	agggttaatt	gncctcttgg	600
cgtaatcatg	gcatagctgt	ttcctgngng	aaattgttat	ccgntcacia	ttccacacaa	660
catacgaacc	cgggagcata	aagtgtaaaa	ccctgggggt	cctaattgag	gagctaactc	720
acattaaatt	gnggttgngc	tnactggcgc	ctttcaa			757

<210> 2904
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2904

cttanacaaa	ntcntgtgac	ttgctctttt	tgcaggatcc	catcgattcg	ctcagattaa	60
gggtttgaaa	aacaaaccga	aaaagatggg	cttnataaag	ccagacttga	ttgacgttga	120
cttaatcaga	gggtcaacat	ttgccaaagc	aaaacctgaa	attccatgga	catctctgac	180
tcggaagggg	cttggttcgag	ttgtattttt	tccattgttc	agcaattggg	ggattcaggt	240
tacctcttta	agaatctttg	tttggctgtt	actactttat	ttcatgcaag	ttatagcaat	300
tgtcttatat	ttgatgatgc	ctattgtgaa	cataagtga	gtacttggac	ccttgtgcct	360
tatgctactc	atgggaactg	tccactgtca	aattgtgtct	actcagataa	caagaccatc	420
aggaaacaat	ggaaatcgaa	gaagaagagt	ttcgctcttg	ttgccagggc	tgagtgcaa	480
tggcgcaatc	tcggctcact	gcaaccgata	cctcctgagt	tcaagcgatt	ctcctgcctc	540
agcctctcaa	gtagctggga	ttacctgcgt	atgccaccac	acccagctaa	tttttttttt	600
tgaatttagt	agagatggga	tttcaccatg	ttaatcangc	tgatctagaa	ctcctgacct	660
cangtgatcc	acccgcctcg	gtcttccaaa	aggactgggg	attacaggcg	tgagccactg	720
gaccagccg	ctaaactttt	aataaggatt				750

<210> 2905
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2905

cntnngnaga	ncctntttga	cnagcncttt	ttgcaggatc	ccatcgattc	gttttgccct	60
gctaaaatga	tgcttagcct	gaaaaatcgg	attnnactt	ctcaaattta	tttttccaac	120
tcagtaatta	aaaaaacatt	tacttcctgc	ctactgggtt	gtggaatatt	gtcaggatct	180
ctgggttcca	ggtgagggat	gcagaatgca	gggaaagaca	ggtcccctgc	cctccagaag	240
tcggtggcgc	cttttcagag	taacacacac	tggagcagac	ccctggaaaa	ggacagtcca	300
ctggtggacc	atgaccttgg	tcaaaagagg	gaccaggctc	ggcttgctca	ctgttttgca	360
cccaagaagt	atgtgctcag	ggaatgaggg	ggtagattc	ctcctcattc	attaccattc	420
ttactaggca	gaggcctcat	tgggattaaa	agacaggaat	gtaactctct	gcccactgat	480
agggaaatgtg	tggttgctct	ttgtatccca	ggggtgtgat	acctctttcc	tgtgggtcact	540
ctgcacttaa	gatatttttg	ggcctggcac	ggtggctcac	gcctgtagtt	ccaacacttt	600
gggacgccaa	ngtgggcaga	tcacgangtc	aagagatcga	gaccatnctg	gncaacatgg	660
tgaaccctg	tctctactaa	aaatccacag	attanccagg	cgtgggtggca	agtgcctgt	720
aatcccactt	cttaggaaaa	ctgaggcagg	a			751

<210> 2906
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2906

tttttaatcc	ttgctcttgt	tctttttgca	ggatccctcg	attcgagag	tcaacatgga	60
gcatctcact	gtgaaatgat	ccatggattg	aaggatatgg	taaaatgttt	atagtttact	120
ttgaaagtaa	aatatactat	gtcttggttt	tgaggatatt	ggatacaaaa	ctctcttcct	180
ttagggctac	tgagtcttga	ttcctgatca	tcagaaattt	caccagaaac	aacttgcttc	240
caatataccc	aattctatat	gaagaattca	tggagagtgt	actggcactg	gaagagtcca	300
gtgtttcttg	tatgcttgaa	aataaagtat	gtactgnntt	gaatgtgaaa	annnctatnt	360
aaananactc	nagcctntag	aactatagtg	agtcgtatta	cgtagatcca	gacatgataa	420
gatncattga	tgagtttgga	caaaccacac	tagaatgcag	tgaaaaaaat	gctgtatttg	480
cgaaatttgt	gatgctatng	ctttatttgt	aaccattata	agctgcaata	aacaagttaa	540
caacaacaat	tgcnttcatt	ttatgttcan	gttccaaggg	gaggtgtggg	aggttttcta	600
atnagctgtc	nactatnccc	nttgcnnntn	tatnncaccn	aatttttgnt	tcntttnaan	660
anaccctatt	tcnggcntn	gccctanncn	nggttnnaan	tgcnttcccn	tnaannnate	720
ntncttgntt	tggccttccn	anaatgcngg	gan			753

<210> 2907
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 2907

gcntnnaaga	ccncttgga	aattcccctt	ttgcaggatc	ccatcgattc	gaattcggca	60
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cgagcagcgg	cgaggtctgc	gggaggcatg	nttttttagct	nnggacgagc	gccggcgggg	120
ccccgcggca	ggggagcagc	tgcagcagca	acacgtctct	tgccaggtct	tccccgagcg	180
tctggcccag	gggaatcccc	agcaagggtt	cttctccagc	ttcttcacca	gcaaccagaa	240
gtgccagctt	aggctcctga	agacgctgga	gacaaatcca	tatgtcaaac	ttctgcttga	300
tgctatgaaa	cactcagggt	gtgctgttaa	caaagataga	cacttttctt	gcgaagactg	360
taatggaaat	gtcagtggag	gttttgatgc	ttcaacatct	cagatagntt	tgtgccagaa	420
taatatccat	aatcaggccc	atatgaacag	agtggncaca	cacgagctta	ttcatgcatt	480
tgatcattgg	cgtgcccattg	ccgactggnt	accaacatca	gacatttggc	ccngctcaaa	540
ggttcngagc	tngctaaccn	tannngggaga	cngnnnaacn	tggncaaatg	anatantcaa	600
ngccacattt	acggnnncnan	aacaacacca	ccaaacttgg	ngngcgaana	nanannccct	660
ctttnnnatn	cnggnnnnnn	ngaacnnc	ancncaanna	anaagcctnn	anaangcnnc	720
nnganccaan	nnnnnnnnnaa	aannnnnnnc	ancnncccnn	nnnccntnnn	nnaaggancc	780
c						781

<210> 2908

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 2908

ngttaagacc	tgctcttggt	ctttntgcag	gatcccatcg	attcgaanaa	ttttatggac	60
ttctatggat	atttcttgat	gcttagagat	ttgttttttt	aattgcaaat	gtgaattggn	120
tatttacnaa	tgctattaca	tatggagcgg	gcctgtgggtg	tatggcacta	ttccttggac	180
taatggtacc	caggttccat	tctctgctca	gctcgggtggc	tctagacaaa	gcccctaaaa	240
tgctgtctgc	ttcagtctcc	ttaatggtga	agtggaaatg	aatacctact	gtcacttaac	300
tcatggagat	gctggactga	taattagatc	atgtaatagc	actttgagct	gtattgaaaa	360
atatgtttgc	tcaaattaag	tagagtctat	ggttttgnaa	atataaatat	attgccagaa	420
aatacatcac	tggggggagca	aaacatgtag	accaaataata	acagggatta	gnaacatcag	480
taaacatagt	tgggaaaaga	tggcactaaa	gaaagccaag	aagaaagtgt	tgctcttgtn	540
aaccaataaa	aaaaaaaaaa	aactcgagcc	tntanaacta	tantgagtcg	attacgtaga	600
tncngacatg	atnagatcat	tgtgagtttg	gacaaccaca	ctagaatgca	gtgaaaaaaa	660
tgctttattg	tgaaattgtg	atctatgctt	tattgtacc			699

<210> 2909

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2909

ggatccnatn	gcnggatccc	atcgattcga	ancccgcneg	agtctaggcn	tganccattg	60
cncccanccc	aggtttttaa	tnnaannnna	ancntgctga	gnntnnaang	ngaaaagagg	120
ccagntgtgg	tggtctnctgn	ctgnggnccc	agctnctccg	gaggctggcg	catgaggatc	180
atttnngccc	aggctgcaat	gcaanggcac	nnatcacggc	tttctgcate	cttnacntgc	240
tgggcnggac	acggagaccc	tgtttatnaa	ngatgaantg	ctggagtacn	caatngnata	300
tgnnanataa	ntncaactnt	nntaaagnan	ctgtatatnn	aatgagtggg	agcanatntg	360
gcanactgtt	aatngtacat	atattgaaac	tatagctttt	acacttcttt	gaccacaacg	420

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ggtatatgta ncacttgata tgatgcacaa tnngtgcacc anntatatnt ntgtcttntg 480
acntggggtt tgacnnagnt tcactntgcg tncagncttg angntgctac tnactgaaga 540
tcggngnaaaa atnntcnnct ncactggggnn gattanaana tatactggng ttatcantgg 600
aagaaangtt ntntacccaa annnntngaa ccctctttta aaaggattgg nttnnagtaaa 660
ttttaccgnt nggttccctt acnttntttn caggnttccn ttttggnnng agttttngnn 720
ccaaacccc 729

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<210> 2910
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

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<400> 2910
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aaagtagttg aagtcctgat gaaaagattg ttcagttctt cttctcctgt agctcagaac 120
ctgtttggtt catacattta aatgtagaaa tataaagctt ttagaagaaa acataggtga 180
aaacctacaa gacaaaactt ggtgaagagt ttctccatgt gatgcaaaaa catgatccat 240
agaagaaaga aatctgtaaa ttggacttta tcaaaattaa aaacatttgc tttgcaaaat 300
gccctgttaa gatgatgaaa aaacaaacta cactactggga ggaaatactt gaaaactgct 360
tatctgacaa aggactctta tctaggatat ataaaaacta aaaactcaat agtaaaaagg 420
caaacagtcc aattagaaaa tgggcaaaaag atattcattt cgccaaaaag gttatacgga 480
tgtcagctga acacatgaaa agatgttcag catcactagc ccgtcagagg aaattgaaaa 540
atgacatatt acccacacac ctattagaac agttggaaact cttgcttgaa cccangaag 600
tttaaagacc cggcctgnaa caaccaccan gccaaaggaac cttgtcttaa aaaaaaatt 660
aaaaatttaa aaaaatttagc ggacccaatt ttggaaattg gcntgggcaa aaggaatttt 720
tgaaagaaaa atcangaact tcttnantna c 751

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<210> 2911
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

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<400> 2911
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attcggcacg agaagatggt tgattcttca gataactttt gaaatgtgct ataaagggcc 120
tagtttaaaa ggaacttctt ttgaaaagca attaacagtt gataaagggg taaataaaaa 180
ttatctagta aggaatttct tattggaatg taaacgtggg tctaatttta aatagacagt 240
gatataaaga ataaaaagta aacagtgaaa ttgagttctc cagggaaaag gcagacctgt 300
ttagtaaaaa aaggatgctt ttttcagtga tgtctttttt tgagtgcata tgtgtgtgac 360
tcttgaagaa atccatgttc agatttatca gatgattgaa gtgggtgttc tgaataaaga 420
aagctgtgag gcctgaggca gtgacgtatc aggaacata ttttattgga gatttggaag 480
ctatagtaaa acataatggc aataagccaa cttcccagtg gtaaaccac agtggtggtt 540
tagttactaa cctcttgatg accgaggagg ttaataattg gatattgcag agcagcaata 600
tgtaacctgt gtgtaatctc anggccctca ggttaacagt ttcagtnaga agctaagaga 660
acactgacaa aatttagctt accatgacta gctgccagtt ttatgtgggc ctgtgttccc 720

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<210> 2912
 <211> 715
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2912
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 tcggcacgag gtcagaatgg ggaaagtggc aggatgcagg caaacatggt cttaatttag 120
 agacagatga aggctcagga ctttcctagg cagataaaaag aagaaagaag ctgctttttg 180
 aaaagaggga tcaagattag gacaaaaagg gagattcagc catcagcaga acccaaataga 240
 gagcctacaa agagacactg tctactcaga gtacatcttc agacatccag ggtcccaagc 300
 tactgtgttt actgttagcc cttagccatt gttaagtctt actgctttat aactcttctt 360
 taagaatata ttaatatgtaa aattacttac tcctatatat acaacgaatc cttaattatc 420
 aaaaacattt atagtcatca cctcatgatt cagtttgccc ttctctagtc caaatgaatt 480
 gaagtaggaa ttcataggac cgttcctagt gaagaaagat tttagtgtta tttaaagaaa 540
 gtaaaaagta tattctcctc tgatagaaat tttcattctg ataataattt atttgnatct 600
 ttttttaatg tcatggcaag aaatgcaagt tgatgggcaa gggacaatgg ctnacacctg 660
 taatcccaca ctttggggang ccnanaatggg ctgatcacct gaggcaggag ttcen 715

<210> 2913
 <211> 705
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 2913
 gtnnnnnnt tntnnntana caggctactt gttctttttg caggatccca tcgattcgaa 60
 ttcggcacga gggcatctgg actaatagtg aaagagtggg atagtgtgaa actgcatgct 120
 acagttatga atacactatt caggaaagac cccaatgttg tttgagaact tctactttgg 180
 ctccctaaag ctgaattcaa ttcacatctc tcagagggtc accgtagaca gctttggaaa 240
 ctacgcttcc tgtggacaaa ttgacttctc ctgagggtgg tcttggaag cactagaaac 300
 taaacatctt caccaggtgc tgaagaaaag tgtcttcgtt ttaattgcc aagcanggatg 360
 tggacatttg gatgggtgact tccctgggtg gntccccata gattcaccat tgccctctaat 420
 ggtgtctaca cccgtcatac taccagctga gatgggtggg ggcataagga gaatttgtgc 480
 ctataccctt agtgggtctg gttttttctt ttaattntta aattgtcnta aaatctcata 540
 aaacatactg ncttcaccat ttttaaagtg cacagtttan taaccgttac tggtaatcct 600
 tcataatgct gtgtggcccg nnancccggn catnttcata ggcttctcac ttggnaaaat 660
 ggggaactggc ccattaacaa gaattccact cctccaaaaa aaaaa 705

<210> 2914
 <211> 714
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(714)

<223> n = A,T,C or G

<400> 2914

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gttnnnnnntt cnatatngac aggctacttg ttcttttttgc aggatcccat cgattcgaat      60
tcggcacgag aatatatcac atcatgtaat aagcctctca gagatgtagc attgagcaga      120
ttaaggcctc atttatagaa gaattccacc ctggccatgt gggcctgaaa ctctggaggg      180
ctttaacaat gtcttgaggt cattgtcatt taaagagatg actcantggg tttatttagt      240
agaaataaat actaaataaa taatctccac agattatcca gaggggtaag ttgaaggatg      300
ttgacagata actcagtaaa ttgcgtctca aatattaata agtttattct atgccagcac      360
caaaaatatt tcagagatgc ttttaggctt ctctcaagta tgtcgggaac agaaaaggat      420
tatagaaata tttatagtag gcataaactt gcacaaaagc tcaaagtacc ttaagcaagc      480
ttgttgcaat tattcttttg gagaactgga ttaagtaatt atttcttggt gcctctgaact      540
atttaacctc ctactaaact gccattgnt taaatgtctc ttatttagct ctgnttttat      600
cactccttaa atttaatat ctcaaggcca aaattatagc antgatgggc angacatctt      660
tgaagacaat tanattctga gaggataatt tatatgtana attaggaata ttcn          714

```

<210> 2915

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2915

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tgtntatagc ggctctcttc tttttgcagg atccctcgat tcgaattcgg cagagctct      60
caaatagaaa tgggagataa gaantatatc tgtgcaatat taaattgaaa aanggnaccc      120
ataaaaagtg tcaaaggcaa ataatttgct ctagatcaca aaactagtta gcacaaggct      180
aggattataa ccagggtcta ggaaaaaatc ctgaagggtga tttaactgag tgtagggccc      240
tgtcaagcca cctgctaagg ctcatgggtc ttcagactag cttcaacatt ccaaatacagg      300
caatagctac aacggaaaga taattggacg gggaatcctg agatcagagt ctagtttgg      360
ctttgtctct tgtagcagga ttttttaaata caggggcagc tctcttntcc catcccagcc      420
atgaatcttt caaccttagt ggtcaccaac ttgactccat tccttatatc aagccttgct      480
ctgtcaattc tcccttaaat gttaagttgc atccatttct aaatatatcc atggccatca      540
cctagtga aagactatta cctnacaccc cgcnccttga tcttcccccn ncttttaagt      600
gactcaattc cttatatnac tgcencaaga ttaacancn tgtccatctt tcatttctct      660
gctgaaagat ntcanggggt cccctgantc caaatannng ttcgatccct          710

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<210> 2916

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 2916

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gnngcnttnt gtanangnta cagctacttg ttcttttttgc aggatccctc gattngcagt      60
cctctgcata aagctgagag atgcctacag ctgagagtga agcaaaagta aaaaccaaag      120
ttcgtgggga agaattgctt aagaccacac gtgatctaata gcgtgaaaag aaaaaactga      180
agaaaaaact tgtcagggtc gaagaaaaca tctcacctga cactattaga agcaatcttc      240
actatatgaa agaaactaca agtgatgatc ccgacactat tagaagcaat cttccccata      300

```

ttaaagaaac	tacaagtgat	gatgtaagt	ctgctaacac	taacaacctg	aagaagagca	360
cgagagtcac	taaaaacaaa	ttgaggaaca	cacagttagc	aactgaaaat	cctaattggtg	420
atgctagtgt	agaggaagac	anacaaggaa	agccaaataa	aaaggtgata	aagacggngc	480
cccagttgac	tacacaagac	ctgaaaccgg	aaactcctga	gaataagggt	gattctcaca	540
ccagaaaaca	catncaaagc	ccagccaggc	gttgatcatc	anaaaagtga	gaaggcaant	600
ganggaagag	angagactgt	tttanaagaa	gattgaanaa	ttgntgcagc	cttttcantg	660
ncatgtnact	ngaagnaatg	ggcaaaggag	atltanaggg	gaattnnnaa	anancnc	717

<210> 2917

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2917

atlttatgt	tgtctgttc	ttntgcagg	atccctcgat	tcggctgggc	tagcagaaaa	60
acctcaggca	tctgtgagga	catgagttta	cacacgctga	gactcacaga	tncaaaaatg	120
caaccctaat	ccaccctga	attgagggga	gtgcatagaa	gtgaatgtcc	cgtctttctg	180
aggtctgttg	atlttgtaat	tagtaaacga	aggggtgcatt	tctgattttt	ttttcttggtg	240
tgctagaatt	cattgctagt	aaaactcaag	ataatagcga	tgagtaggag	gtatcaaaga	300
tgaactgtag	agggacagtt	taagttactt	aagaatcgtc	agcaagatga	aatctacttt	360
tagcagaaat	tgggtttttt	tgtgtttttt	tgttttgttt	tattttctaa	aagtaaagtc	420
tgcacctgt	tcagcctgtt	agtggaggtc	tgagcaagta	aaagatgggt	tggattataa	480
acttacaac	acaggatgtt	ctgtttctca	aacgggagaa	attaagaaga	gatgcttgta	540
ttcaggagac	ggcatagcta	ctcaaaatcc	ttgatattct	gctatgggtta	gtcttggtcca	600
actgtgctat	gtgacctact	atggctttat	gangtaaat	tagtatatgt	gtcactatlt	660
gaaaattttac	atatagttat	acataatgna	tttaagnngc	nanngnacng	aancctnggn	720
gnnaanattn	gnncctnnn					740

<210> 2918

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2918

cttnnaatnn	cagctntggc	tacttgttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaaat	gaaatantta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atlttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	atlttagtcta	atltttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcaccaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaanng	gnnnnccaaa	nagcaggtnt		710

<210> 2919
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2919

cttnnaatnn	cagctntggc	tacttgttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaatannta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagt	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagt	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tccctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	agggtgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	athtagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcaccaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtnt		710

<210> 2920
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 2920

gttnntngat	cagctcttgt	tcttttttgc	ggatcccatc	gattngaatt	cggcacgagg	60
taccacatct	agatacgagg	tcagagttca	gatgcctaaa	tattgtagct	tgtgttttngt	120
ccactgttgg	gggaagagt	aagagatttg	acataccata	atgttgatta	gcttgtgatg	180
gtttggcggc	agcttaggcc	agagcataaa	gtaaaaagga	aaagtgttca	cagacaatga	240
aaactgggac	caagtgggtga	atactcaagg	cacacagacc	angcaaggat	cccagtggcc	300
gtggatgagt	ctcaggctgg	ctctgggcca	ntggaacaca	cctcagtgtg	ggtgaaggcc	360
tagccagggt	agcanagggc	agggctacag	aacagcagcc	cangtggctg	tggccgacct	420
gacattctcc	tgtgaaaatc	angtgcccaa	ccagcactaa	cctagataga	tggcancatt	480
ttntttcttt	aangacagga	tcttgcctatg	ttgctcaggc	tgactttgaa	ctcctgncct	540
taaaggatcc	tcctctctca	gcttnccaaa	nactggggt	tacagatgtg	agcccttcaa	600
cgtnagtgcc	atngggctan	aancctaacc	ccncattgct	tgntgatcgt	nacgctcgna	660
atcnntttna	taaacggntn	tncaancctt	gagcttttcc	gggttaagna	ann	713

<210> 2921
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)

<223> n = A,T,C or G

<400> 2921

gttactcctc	tнанатсagc	tacttganga	tccctcgatt	ngaattcngc	acgaggcgat	60
ttatttnaca	gagttaaggg	gccagtacac	ttnatggat	aaaattatct	ttntcagggg	120
atgaaggcac	aaggagaaaa	ttacttgaag	cttggagatc	ttctctggca	agcaatttac	180
aaattctggg	gttcttngat	ctggctcccn	gccagacaa	ccanggagtt	nttnatgttc	240
tatcctcatg	tgnnannact	atacgcaata	attngncntn	ngccatanag	gagggatccg	300
atanntgaca	tngctntccn	ncanatatac	tnncntgna	atgnnnctna	taatgcatnn	360
nntnnattcc	tntctaggnt	acncnnantt	atatntnntn	ggnaactcat	ttaacancaa	420
nttcacngca	ttcccntggg	gttacatata	cnctnaagac	tatgctgana	ctgtgcacca	480
tgntacatn	ngggaattgg	atgggggtgct	tnacggactn	ccttgnatgc	aagnacttac	540
cagacgtttc	canccaanct	gacattgntg	naatgcatta	cncacntggg	gntncaantt	600
tactacacct	cganaggacc	gttcacnggn	atttaacctn	tcaaanatng	ttcnnanggt	660
tacaaggtcc	ccaattgtnn	ganccttggg	gctttgncaa	cn		702

<210> 2922

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2922

anacnnttta	nnctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggtat	60
actttgacac	tgagaacaaa	gagacagtta	tatctggaat	gggagaatta	cacctggaaa	120
tctatgtctc	gaggtcggaa	agagagtatg	gctgtccttg	tatcacagga	aagccaaaag	180
ttgcctttcg	agagaccatt	actgcccttg	tcccgtttga	ctttacacat	aaaaaacaat	240
caggtgggtgc	aggccagtat	ggaaaagtaa	taggtgtcct	ggagcctctg	gacccagagg	300
actacactaa	attggaattt	tcagatgaaa	cattcggatc	aaatattcca	aagcagtttg	360
tgctctctgt	agaaaagggg	tttttagatg	cctgcgagaa	gggccctctt	tctggtcaca	420
agctctctgg	gctccggttt	gtcctgcaag	atggagcaca	ccacatgggt	gattctaattg	480
aaatctcttt	catccgagca	ggagaagggtg	ctcttaacaa	agccttggca	aatgcaacat	540
tatgtattct	tgaacctatt	atggctgtgg	aagttgtagc	tccaaatgaa	tttcagggac	600
aagtaattgc	aggaattaac	cgacgccatg	gggtaatcac	tgggcaagat	ggagttgagg	660
actattttac	actgtatgca	gatgtccctc	taaatgatata	gttgggnt		708

<210> 2923

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2923

gnnnnnnttct	aatgcnnngc	tntnttgcag	gatcccatcg	attcgctccc	attccccggaa	60
ggaggagaca	gttactgtct	atccccgaga	cgtgggtgctc	tttgaaggga	tcctgggggca	120
gaatgaggtg	gactatcgcc	agaagcaggt	ggtcatcctg	agccaggata	gcttctaccg	180
tgctccttacc	tcggagcaga	aggccaaaagc	cctgaagggc	cagttcaact	ttgaccaccc	240
ggatgccttt	gacaatgaac	tcattctcaa	aacactcaaa	gaaatcactg	aagggaaaaac	300

```

agtccagatc cccgtgtatg actttgtctc ccattcccag gaggtacgag acctgttcca      360
gatgaagctt tttgtggata cagatgcgga cacccggtc tcacgcagag tattaaggga      420
catcagcgag agaggcaggg atcttgagca gattttatct cagtacatta cgttcgtcaa      480
gcctgccttt gaggaattct gcttgccaac aaagaagtat gctgatgtga tcatccctag      540
aggtgcagat aatctggtgg ccatcaacct catcgtgcag cacatccagg acatcctgaa      600
tggagggccc ttcaaacggc agaccaatgg ctgtctcaac ggctacaccc cttcacgcaa      660
gangcangca tcggagtncg gcagcaggcc gcattgaccc gtcttcctcg gaccc          715

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<210> 2924

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 2924

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gggnctttan atctataggc tacaggctac ttgttctttt tgcaggatcc catccgatgc      60
gcaagtaaga aaacatggcg gctatccttc tctcacatcg aaaaggaaat tttgaacaat      120
catggaaaat ctnggncgtg ctngnaaaac anagaagaga aatggtgcag gaaagattgt      180
ttaanactaa tgaaatacct tttagaacag ctganagaaa ggtttaacng acaaaaanca      240
tctggataaa tnttcttctt atcatgtgaa aactgccttc ttnacntat gtncccagna      300
ccctcaanac agtcagtgng accanacnga nctggncctn tgctttgana actggatgac      360
attcttgntn nattgcctna ggtcagatnn acttgagaat tagttcatcc nnncttcaat      420
ctatectctt gcagaattnt ttgacatnta cntcagcaat ntttgctnta ncanagnccn      480
atgtaggata tctatgacct nncanngttt gatgantncn tgcnnctgna tnnnncgaga      540
gatntcctaa cnatnncann nnntaanttc tgggtantgt caacagattg gaaaaagggg      600
ccagantctgt gnctnaangg ttaaaaancnc aggannagta ttttncgtaa acatgnaaan      660
gnttangact gttcatnnnt tgntcctccg aaantgggca cccnttntta ttnattccnc      720
tgcg                                              724

```

<210> 2925

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2925

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ggtttanttt aaatecntnc ncagctactt gttctttttt caggatccca tcgattcgaa      60
ttcggcacga gcggacccat cggagcgtaa cctggatctc cgcaggcctg gcggaggccg      120
gccacctgga ggggcattgc ttggttcgcg tgggtancaga ggagcttgag aatgttcgca      180
tcttaccaca tacagttctt tacatggctg attcagaaac tttcattagt ctggaagagt      240
gtcgtggcca taagagagca aggaaaagaa ctagtatgga aacagcactt gcccttgaga      300
agctattccc caaacaatgc caagtccttg ggattgtgac cccaggaatt gtagtgactc      360
caatgggatc angtagcaat cgacctcagg aaatagaaat tggagaatct ggttttgctt      420
tattatccc ttcaaattga aggaataaaa atncaaccct ttcattttat taaggatcca      480
aagaatttaa cattagaaag acatnaactt actgaagtag gtctttttaga taccctgaac      540
ttcgtgtggg cttgnctttg gttataattg ctgtaagggt ggagccagta attatctgca      600
gcaagtagtc acncttttca gtgatatgaa tatcatcttt ggcttggang ccantngaca      660
acctgmcatt actgactttt tgaaaanaac cctctgggata ttgatgcctc ggggtgtggtt      720

```


ggactgncat ttagtggacc ccgaatcc

748

<210> 2926

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (815)

<223> n = A,T,C or G

<400> 2926

tnaatanagc	tctngttctt	tntgcaggat	cccatcgatt	cgaattcggc	acgaggtctt	60
cctgtgcagg	gtgctttggt	agccatcaga	gaggaaccaa	gggcaacatc	ttttcttccc	120
aggcggtctt	ctctgggtgc	tttattctct	tctttttctt	tatttcgccc	ccacccccat	180
cccctgcctt	tntttttttt	ttttgtatag	aaacagatcc	atttcttggg	aatcaaagca	240
catttgtttg	gtcttcctcc	aaccctttgc	atltgatttc	taaacattcc	ttcatatgcc	300
tttaatgaaa	gccagcantt	atcccatggg	ccctacttga	atltatctga	ggcagctaca	360
gattgcccgt	caagatgagt	ttttggagat	aaatgaaata	actggacaca	cactcacaca	420
agtaacacca	cagcagacct	cggagtactg	ctaagtgtac	ctgtgtcaaa	tccgcacang	480
actcaatata	gcaattnatt	cttgatgtat	gcaatngccc	attggaaatt	atltttaaca	540
gagcnccact	taattaattt	ggaataggat	tatataatat	tagaatcttt	gggggatggg	600
ncctttaacc	cttcttncca	tgggggaaac	ttnttttccc	ttncctgaa	tgggtngaaa	660
ttggggaccat	ttttaaaaag	cctttgggtcc	cggtgnaacc	ttttggcatt	acccattttna	720
aaccgnangc	cnccaggntt	tanagaaacc	ntgaaatttg	aagaaaaaaa	gggccccaat	780
nggncnttga	aattttttta	cccnatgggt	ggccc			815

<210> 2927

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 2927

tggnagtgnn	nnnnntttt	ataaagacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagcc	aggcttgaag	ttatctctaa	tttagaggtt	agggacagtg	120
acacaggaaa	gaggctctgt	gctttatatc	tggagatgtg	ggatcataaa	aacgtctttt	180
taatctgatg	atcattaaaa	cacccggtga	tgtggcacag	ctgctaatac	gaatacattt	240
ccattttctg	ggggattgag	catgtcttcg	gaaccctctg	caatagcttt	agaaacaaac	300
gttcctttta	tcaggtgaga	aaactaccct	atggcatgcc	tccggatatg	tagttcttcc	360
tangctacaa	aatatcagag	gttaacttca	ggcaaaatga	tnaaactagc	agtagtattt	420
cctattacta	tctgcagntt	gcttcaaaat	ttcaaaaagg	tttcngaaaa	atcactaaat	480
acgaagggca	cacttcattc	atltattcca	aggaatctat	ttgggtgccag	acattgcag	540
gaattgtatg	gattttttaa	atgaaatggg	ggctctctct	taagcagacc	atggcaagga	600
aacttgaaaa	ctccgacgca	tccangggac	gaagactnac	atltacatng	agatactact	660
cgggattcac	aanacacgac	gtntccatga	cgctcgggtc	acacttgcat	ttttacctca	720
tgggatteng	gtcctctttc	atltaaaagg	cgnnggc			756

<210> 2928

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2928

gnnggnnnnn	nntttttana	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	60
cggcacgaga	ttgaactctg	aactttggaa	acctgaatcc	ttcaggaaag	agtttggtga	120
gcaggaagta	gacctagtta	attgtaggac	caatgaaatc	atcacaggag	ccacagtagg	180
agactttctg	gatggatttg	aagatgttcc	aaatcgtttg	aaaaatgaaa	agaaccaat	240
ggtgttgaaa	cttaaggact	ggccaccagg	agaagatttt	agagatatga	tgctttccag	300
gtttgatgat	ctgatggcca	acattccact	gcccaggtac	acaaggcgag	atggcaaact	360
gaatttggcc	tctaggctgc	caaactactt	tgttcggcca	gatctgggcc	ccaagatgta	420
taatgcttat	ggattaatca	ctcctgaaga	tcggaaatat	ggaacaacaa	atcttcactt	480
agatgtatct	gatgcantca	atgtcatggt	ctatgtggga	attnccaaag	gacantgtga	540
gcaagaagaa	gaaagtcctt	aagaccattc	aagatggaga	ttctgacgaa	ctcacataaa	600
gcgattattg	aaggaaagag	aaccnagcc	tgggcacata	tttctgcaag	gcacgagaaa	660
tagggatttt	taaaagnnta	gaaacagnca	aaaaccacna	ccatctatnt	ga	712

<210> 2929

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2929

ngnanaacag	nnttttnagat	acagctcttg	ttctttttgc	aggatccctc	gattcgaatt	60
cggcacgagg	ccaattccag	gcctctctcc	acgcagtgtg	ccaccaacag	acttctctca	120
actgattgat	tgtccagagt	ttgtaccagg	ccaagccttt	tgctcacata	cagagtctgc	180
cccaaattct	ccaagaattg	gaagccatt	gagcccaaag	aaaaacagtg	aaacaagtat	240
tcttcaagca	atgtctagag	gtttgtctac	cagtttgctt	gacttggact	cagaaccttg	300
gatagaagtt	aaaaaaagac	atcagccagc	cccagtgaaa	ttgagggaat	cagtgtctgt	360
ccctgaaggg	tcattaaatc	agctatgttc	ttcagaagaa	ccagaacaag	aagaacttga	420
ttttttgttt	gatgaagaga	ttgaacaaat	aggacgaaaa	aacacattta	ctgattggtc	480
tgataatgat	tcagattatg	aaattgatga	ccaagactta	aacaagattt	tgattgtaac	540
tcagacacca	ccttatgtga	aaaaacatcg	tggaggagat	cgaacaggca	cccacatgtc	600
tcggggcaaaa	atcacatctt	gaacttgcta	aagttatcaa	tgatggctta	tattattatg	660
aacaggatct	atgggtngga	agaagattga	aaccaaacc	acnngccnta	aaaggggcaa	720
ttncttgnga	aacgcccttt	ctcgntatga	aa			752

<210> 2930

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2930

gagngnnntn	ntttcnaatn	acagctactt	gttctttttg	caggatccca	tcgattcggt	60
atagctgtgt	cggctctagca	ttttctttga	agcatatgga	acatgttctg	ctactcgaga	120
taatgaacat	ttccttctgc	ctcaagggtac	aatcagttta	tgatcctggg	agagcaagaa	180
gcaaggagcc	agcaagtctg	gacacattcc	anaggccacg	aggggtttta	tgtcctgagt	240
cctggattcc	atccaagcca	tgaggggttt	tatgccctag	gcttaggttg	tagtgcggcg	300
gggcagcctt	ccacccttaa	gcacagaacc	tggtgttcca	taggccacaa	gaagttttaa	360
actctggacc	caggacatgt	tccaaggctc	ttttcatatt	atgtcagact	agcaagtctt	420
gcctcagctt	tnctcccaac	aattggactg	atgggttgct	ccactgggca	caagcatcat	480
gggttcttaa	aacaaggccc	tgaacaagca	ccaaatatgt	tcctgtcacc	acactncaact	540
agcccttcaa	ctataaacat	gcataaggagt	cacctggggg	ccttgctaaa	taaaatgcaa	600
cttctgattc	aataagtctt	aaacaggacc	agaagattct	gcgtctcttg	gtgagttccc	660
nagtgangca	gacaatgccc	agttcacaaa	ctcacatttt	gagatacagn	acctgggcca	720
tttnggttcc	caatgtgctt	gataaccctg	g			751

<210> 2931

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2931

agntgattcc	nantgaaagc	ccttgctcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagatggaa	tgtgcgttcc	acccctgtt	cagtctcacc	agtggggcct	gccggctgga	120
ttaccgcaga	cccagagaaca	ggagcttcta	cctggccctc	tacaagcaga	tgagcttctt	180
ggagaagcga	ggctgcccgc	gcacggcgct	ggagtactgc	aagctcatcc	tgagtctcga	240
gccggatgag	gacccctct	gcatgctgct	gctcatcgac	cacctggcct	tgccggcccg	300
gaactacgag	tacctgatcc	gcctcttcca	ggagtgggag	gctcatcgga	acctgtccca	360
gctcccta	tttgccctt	ctgttccact	ggcgattttc	ctgctgagcc	agcagacaga	420
cctccctgag	tgtgagcaga	gctctgccag	gcagaaggcc	tctctcctga	tacagcaggc	480
gctcaccatg	ttccctggag	tcctcctgcc	cctgctcgag	tcttgcaagt	tgccggcccg	540
cgccagcggt	tccagtcacc	gcttcttttg	acccaatgct	gaaataagcc	agcccccctgc	600
cctgagccag	ctggtgaacc	tgtaccttg	gangtcacac	tttctctggn	aagaaccggn	660
caccatgaac	tggtggang	agaacgtnc	cganggtctg	caagcantgg	gatcccgga	720
cccagccgtg	ggaacctgtg	aagaaccggc	ggaag			755

<210> 2932

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 2932

ananatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagatgac	60
tgagtgtata	ccctagttaa	aatgatcagg	ggagacttaa	ctgaaagggg	taattgagct	120
agatttgaag	gatgaggagt	agcagactag	tcaaagaaag	ggagagaaga	acatacctaa	180
acatctgac	accagtgact	gagaaagtta	tcaggatcaa	gtggaaagag	aaaggactag	240
cagagttaca	ggttagagaa	acaggtaaag	gctactatgg	acggcataat	agttgcatcc	300

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catgttttgt ctcttaagaa cagttgcaaa ctattgaagg ttttaaagct gtgtgttggg 360
ccgggtgtgg tggcttgtgc ctgtaatccc agcacttttg gaggccgagg cgggtggatc 420
acgangtcag gagtttgaga ccagcctggc caatatggtg aaatnccgtc tctattaaaa 480
aattaaaaag tagcccaggc cgttgtggca tgccccctgt aagtcttcaa ctatttttga 540
aaangcttga ggcnaaaaag aaattcgctt tggaaccccc ggggaaagtg gaaaggggtg 600
ccaantggaa gcccnnaaaa atcgngncc acnttgcaat tcccaaacc cttggggccg 660
aaccnnaanc cnaggaaact ttnggtnttt aaccaaaaaa nnaaaaaaaa aaaggccctt 720
tttttngaaa acttttttan tnggaaggtt cnntanttta nccgttagna ttccccgga 780
ccattggatt tanggnattc ccantttgga ttgaaaattt ttngggaacc caaaancccc 840
cccaaacnt 849

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<210> 2933
<211> 855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)... (855)
<223> n = A,T,C or G

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<400> 2933
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tcgtcaagt aggtttttat ttatttatta ctttatttta ttttatttta ttattatttt 120
tttttgagac agagtctcac tctgtcacc caggctggagt gcagtggccg gatctcggct 180
cactacaagc tctgcctcct gggttcacgc cattctcctg cctcaacctc ccgagtagct 240
gggaactacag ggcgcctgcc ctgtgcccg ctaatttttt gtatttttag tagagacagg 300
gtttcaccat attagccagg atggtctcga tctcctgacc ttgttatctg ccgcctcga 360
cctcccaaag tgctgggatt acaggcgtga gtcaccatgc ccagcctcaa gtaggttttt 420
aatgaatttc ttatactttt aaaatacaac attatggcan taaaagacta ttccactnct 480
tttctaactc ggagattgna ttgatttttc tagtggtaat tttctggctc atacctncag 540
taccaatggg tgaaataggg gggtttaaag taggaaaatt cttcgtncng gttttccaaa 600
actttgcagg aatnaaaggc cccctangt ccatttttnc cccatttaaa ggcnnanttt 660
aagccttttt nngggnggtn ggnaagtttt tttccaattc tttgggcntt caacttgggn 720
aanncccttn aaacccttct tttaaaagcc ttcnaaagtg ggaatccctt ncccaancct 780
tttaaactgg gccctggaaa atnaantttt gggggaacaa attaagggcc attggccacc 840
caaaccatg gcccc 855

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<210> 2934
<211> 727
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)... (727)
<223> n = A,T,C or G

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<400> 2934
nagttangnn gntttntann tctggttctt tntgcangat ccctcgattc gaattcggca 60
cgagancgat taacactnct aaagngtcaa gngctnnggt ntttnggctt agntgtgctg 120
ccntcngga anncatntnt ggggnaatgg tgnatacac ctcnattana aatnagcaca 180
tgatggntgg ncaccgtggc tcacgcctgt aatccngca ctttgggang ctnaggngnn 240
nggatcacct gangtcnga ntttganacc agcctgncca acatgnngan acctcatccc 300
ttctnmanat atanagaant agctngncat ggtggcgcac gcctgncntt nnagctactn 360
aagacgctgn ngcaggagaa nctnttgaac ccagtaggtg aaggttgcan tgagctnnca 420

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tcncaaccatt	gcaactccagc	ctgngecnncn	agancgaanc	tctgtctttat	acatgcaaaa	480
annaggaggt	tggattactt	gaggatcatgg	atnnanattca	ntctgaccan	catngtgaaa	540
cncatcncct	ncttaaaaatn	ttaaatttagc	cnttcatggg	gacctcacgc	ntgnantccc	600
atcttctggg	gaggctgang	caggagaatt	tctagacctg	ggangnngag	ttcagcngca	660
nnacggccct	ggatccacct	gggcacaaaa	cgaactntnc	tcaaaaagaa	attnaccctt	720
aaacttn						727

<210> 2935

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2935

ngnnggange	tnccttcagc	tcttggttctt	tntgcaggat	cccatcgatt	cgtctgggac	60
caataatgtt	ttaaaaaatat	attcatttga	gattcagaaa	acttgccat	catttgctac	120
tcctatcatc	ttaacagtga	agaaaactga	ggcctagaga	cattaagggg	gttgccaggtc	180
cagagacatg	tctcaagaaa	gcattgctgt	taaaatgtgc	agttcgtggg	ttttcagttcc	240
atctcttaag	aaaccaagtc	aatcttcccc	tcaggaaaaa	gaaaagaagt	agcaataagc	300
aatttggtta	tatcactact	tcttatcaag	gtaaaaaatg	cctcataatc	aggcataccc	360
atgggccttg	tttcacaaaag	gcactaagat	gaggcaatgt	aggccccaaa	aaacaaaaag	420
acagtttttt	ggagttgctg	agggtgacaa	ccctagtttt	atactttggt	aataccagtg	480
accttggaat	tacaagcttg	gggttaagaa	ctcaagggtt	cattaagact	ccctggaaca	540
ttctggaaaa	ccagcttttag	agtcttcatt	gaactcaaat	ctcagcacca	cagttaaatg	600
agtgagtcaa	aaagaacata	agttttaaaga	aatttaacca	nggaaccaga	tgtttctctt	660
cacaccacac	tgntttaaca	tccagtattc	gtngaccttt	ttctttcccc	caccatcctn	720
tggatttacc	ttaggctttc	caaaggcntt	aatgaaant			759

<210> 2936

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2936

tgnnnnaatc	nctaattgna	ggctacttgt	tctttntgca	ggatcccatc	gattgggaat	60
tcggcacgag	gctattttgtg	ttttgttgca	ctgttttttt	tgtttgtttg	tttgttttatt	120
tggttggtct	tttgagagag	gaaatggggg	tgaaatattt	ttttattgtt	gaatcatttt	180
gtgaatgtcc	ccctcaaaaa	aagctaattg	aatattttgg	ataaagggca	tttggtgggt	240
ttatttttgt	ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	300
aggggaacaat	tggtgatatg	catagcattg	gaataactgt	cattatatac	tcttacaaat	360
aacacatgaa	gcaagaatga	ccaatattct	gataattggc	actggatcac	aaaatgtgat	420
aaaactttta	atgtataaaa	ctttatcaaa	taaantttat	tttccccctt	aaaatgtatt	480
ncttttagagg	cattactttt	ttaaaantat	tggtcaattc	ctgacatacg	atgtgaagg	540
tnacaagttg	gattttccnag	tattccaana	tnaanttcct	tgatttttca	attaaggcaa	600
aaacgtcaaa	atccccaaaan	ngntnnccna	taaacaaaaa	nttgcnnntn	tttaaaaang	660
gnttangcct	tttaaatann	gaatcantta	attentntat	nnngcntngn	nnttgnaaaa	720
attanccctt	ntnnntannn	tnccctttnt	nttaaatatt	nnnggtngnn	ctggaaaaan	780

atnngncccc ttgntanngg gcctccctng gcnnttanag aaaaacccaa ctntnngggg 840
gcg 843

<210> 2937
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 2937
aggtnnntaa tnttctatac agctacttgc tntttccgcn ngatcccatc gatnngaatt 60
cnnacagag atgacctcca atgtggccag cgacgagatc gcacagcacg cgctgcagct 120
gaggcagggg gctttggaga tgagccgtaa ccgtattgcc gaaaacctgg gggatgtcca 180
nataagtgc aagatcacca tctcaanaaa cttcaangan aatgtgatcc accctatact 240
gaaagctnac ttcengangg atgagtnctt gggacggatc aatgagatcg tctacttctt 300
ccccttctgc cactcggagc tcatccaagt atcnnacaag gaacttgaan tntctgggncc 360
tnanaggcnc ncnnnnggnc aatnnnnatc nnctcngtgn cntnataaac actgattctc 420
ngtntgataa ntacgatana cnatatcatt ctgtnatacn caaagangtg ncaccanccc 480
tnttctcact nttgantanc tntggcngtc tnttanggtg atanagtgcg ccctannaaa 540
ntcccattnn tacttgaagc atacnttttg gcnnaaaaaac naggttcttg ntatcaatag 600
ctcctaanaag tcnaaatntt ncatttttaa cnnnctgtta naaatttttt tcaagcnnnt 660
tantgannat tcctaagtga aaaccttttn aaaaacnaaa cctttnaagg taaaaannat 720
tnttnnnttc ttttcaaaac nttntttnaa cccaagnann cnnct 766

<210> 2938
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 2938
ggngtgnntt tnagatacag ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
gcacgagcaa aggccgtcac accaaggtca ggccaggagc ctaggctaaa ggaaacttca 120
ccaccgggga catcagctgc tgtggccaga gaagagaaca tgaaagccca catcccgctc 180
ctgcagccac ccactttgct gtcacttccc agctgaagtg aggagggact gttcagaaac 240
atcgaactga gcaagggtct tgtctacctc atggaaaacc tgatctggaa atgacacttg 300
gaataaaaata agattactct tccattaaaa ggaaatccac ccaaaagaga gaaatagtgg 360
tatatttcag ttttacataa taatttctag agataagata acccattgca ttagttgatt 420
cagttaccaa ttttagctaag tgtgaggagg aacatgggcc ttgacttttt ttctttcaga 480
aaatcaagtt tgccatattg aaaaatgctg tcagctctgc caccgggtct gtcattaatc 540
atgggaaaga gctgatcang ttttgattgt ttcttcagan gcacttttgt catgtaatgc 600
atatatttca attaaaatat gcaggagaat gcaaagntaa taattnaggg aaaatnatna 660
agtgttgcca ttggctatta attactaaaa aaaaanaaaa aaaaactcga gcctntaaaa 720
ctatagtgcg tcgtattacg taanatccc 749

<210> 2939
<211> 770
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 2939

cttattncat	nnagctcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttgatttgg	aaagcagtag	tgtggacgaa	ttgcgagaga	agcttagtga	aatcagtg	120
attcctttgg	atgatattga	atgtgctaag	ggtagaggaa	catttccctg	tgatatttct	180
gtccttgata	ttcatcaaga	tttagactgg	aatcctaaag	tttctaccct	gaatgtctgg	240
cctctttata	tctgtgatga	tggtgcggtc	atattttatag	ggataaaaca	gaagaattaa	300
tggaattgac	agatgagcaa	agaaatgaac	tgatgaaaaa	agaaagcagt	cgactccaga	360
agactggaca	tcgtgtaaca	tactcacctc	gtaaagagaa	agcactaaaa	atatactctg	420
atggagcacc	aaataaagat	ctgactcaag	actgactctg	atagtgtagc	attttccctg	480
ggggagtttt	ggttttaatt	agatggttca	ctaccactgg	gtagtgccat	tttggccgga	540
catggttggg	gtaaccagc	gacaccacac	tgattggact	gccctacacc	aatcagaact	600
cagtgcccaa	tgggccactg	ttttgactcg	gaatcatgtt	gtgcactata	gtcaaagtga	660
ctgtaaagtg	gaaanggatg	tgccaaaaaa	ttaaaaaa	ccnccaaaaa	agcttccaaa	720
aaaaaacctt	taaactatag	tgagtcgtnt	acntagatcc	aacatgataa		770

<210> 2940

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (904)

<223> n = A,T,C or G

<400> 2940

ctacttggtc	tttttgcagg	atcccatcga	ttngaaattc	ggcacgagag	gtaggcacct	60
ggcatgtcag	ttgcctgaat	ttgaaagttt	tcacctgtat	gttttggncc	ataaaaaataa	120
aaatgtaatt	tatatatctg	aatcaggtct	gtatgttatg	atcaattgct	cagcaatttc	180
gggcagtttg	tttgatgggt	atgtagtaat	gtancctgag	agcagaaata	cagagcctct	240
gggctagana	aagtataaat	ggcatcctag	gctatgtagg	gttcagctct	tcagaaggaa	300
ctttcatttt	tcattgtgac	acatcgacta	catgttggtan	aagaacatag	tttcannaat	360
tcttccngtt	agaaacatac	gtttcctcaa	aatattttcac	tttcangcat	tgggtanaaa	420
aagtncccat	gtnattngac	tangcnnatn	tnccttaaaa	aatangccan	tttnctnnaa	480
cccanngata	natancccca	cgtttnttta	actattttca	ngtcatttta	acantcnccc	540
tncattttct	nnnnnccnnn	ggnttaantt	ctcnanccta	tttncnnncn	canaaaacnnt	600
nccnttctna	cctnaatcat	attttcccac	tnnncctnaa	ctannnnana	nancatntnn	660
attcnctcat	ncnannnnnn	ttggcatann	ntttanacta	taggcatnaa	ctcnttcata	720
tnnatatnnt	nctncaatnt	acatnatntt	ngnctanatn	ttcatcnntc	tattctncnn	780
nntcatnnnn	taannnnntt	ccnacnttan	nnntatcnnn	nnntanttgt	tcntatancn	840
cntntatcnn	tcnatantnn	nnatntntan	ntatcttanc	ntatccanaa	tncananaca	900
cgcc						904

<210> 2941

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2941

tncttcaann nntggtctcg tctttccag gatccctcga ttcgaattcg gcacgaggca	60
gaagccaatt ccttgtgaaa agctgactgc catcagtaat ctcaatagaa aagagatatg	120
ttttctggag tcataaagga attcaattcc tagggttttt gtttttgttt ttgagatgta	180
atattgctct gttgccagg ctggagtgc gtggtatgat ctcaccttac tgcaaccacc	240
acttctggtt ttcaagcgat tctcctgcct cagcctcccc agtagctggg attacaggca	300
ccagccacca tgctgggcta atttttttgt attttttagtg gagatgtggg ttctccatgt	360
tggccaggct ggtctcaaaa tctgacctc aagtcactctg ctggccttga cctcacaag	420
tgctggccca gccgagattt gttttctaa atactttgtg tcatgaacag ttcagtttag	480
tgatcatgaac tattcacttc atatttttct tgnattaact ggtaaattt ttaaaatatc	540
ttgtagtaac tctttaaaat gtatgtaaag taaatggctg cagaaagggt ttttagagaa	600
tccctgcttc catcagtaat acagcaatat tcccccaaa aaaaaaaatn aaaaaaaaaa	660
cttcgagccc tntanaacta tagnggagtc cgtnttacgt aaaatnccag gacntgataa	720
ggantccatt ggatganttt gggacaancc ncacttgnaa tgcantggaa a	771

<210> 2942
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2942

ctnttaantn nctcntnngn ctaccgcttc tttttgcagg atccctcgat tcgaattcgg	60
cacgaggtac tttgagtgtt tgggggttca nnnacacacat gcaattttgc ttaacaaaag	120
tattttataa tacagtttca tacagaatta ccttaaaagg gagtcttatg ttttcaacta	180
cagatagttg taagggatca tacagaagat attgatgata gttgaaatat tcttagaagg	240
ggtgtgtatg tctagctgtg tctaccatgt gtatgtattc ttgacaagca gtataaaata	300
cctgtgattt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat	360
catcccta at gtagcagggg gaagtattta attgcccatg atatgtattt tacttatact	420
atgccagaga ggaaactata aagtaattac acatgtaatc ttgggttttt cacatatgta	480
ggtattcatt ttgagtaggt tgaagaagaa aaaaaatatt taaatgaatt gaattcctga	540
tgggtagta tcaataagta tttaaaagcc agtattctaa aaataataaa gggtagggtc	600
atttttgagt ttgggtttct tttgctattg gtaatattca aaattaaagt gttcattggt	660
acctggtggc cttaatgcat ttattgnaga cagcattgag atgatgaaca aggggttagc	720
aatagccaac tctataataa ttttgcctaa atacc	755

<210> 2943
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2943

ttnanntnat nttgctattg cntnttgcag gatcccatcg attcgaattc ggcacgaggc	60
---	----

ctcatccatg	gatcagggag	gcacgccagg	gagtaaccca	gttctgcccc	gcaagctaca	120
ccccactaac	tctgggccct	gtctgtgcta	tttaacattt	cattnanaca	ggagctcctg	180
ggaagaagct	tggctcagta	tncttggnag	atcacccctc	aaagnctccc	tcnggtatat	240
tctaagtgan	gacggatccc	atatatacct	cacttaggct	ttactctgct	ctgcaagcac	300
aggcaagacc	agctacatct	ttgnacgcca	cccctgggtc	ttagtaggcc	aagaacctca	360
gaaactggna	nggcactaag	agctgtattt	tagaaaactgt	gttgaaatta	cattttattca	420
gctttgatct	ggnggggccc	tgtacctggc	actgctacaa	gtgtttcaag	aagggtgcgaa	480
ngagatatatt	ttacaggcaa	aatagantat	atttcctctn	cagnttcatt	tgactgcttg	540
tttaaaaaaa	aatatgaaag	atngtacaga	gagtncccat	atccccctcat	ctagttctcc	600
tntattaaca	tctgccatta	gtgnggtgta	tttgtcacia	ttaataaacc	catagtggtn	660
aaattattgn	tggcaaaaat	ccatacttca	ttcaaatttc	ctctggtnan	tcctaattggc	720
ctttnttgct	attctangga	tcttatcc				748

<210> 2944

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2944

gtnnnnntng	tgtaatcgct	tggctgcagg	atccctcgat	ggcgaattcg	gcacgaggtg	60
ttgctcaang	agcagaccgg	actcentaag	gtcatcattg	aatgggcatn	atangtttga	120
anactgtcca	ananantang	ngtcaatata	tcaacnnctt	tanntgcttg	atattggnat	180
tgaanaacac	angnctcngn	ctagtctgcc	tganatgatg	tttaagatac	tccggaagga	240
gacanantgt	tntgantgcy	gattaganac	cacngaagnn	acactnaagg	ancancatct	300
ccacctngna	actgnattnn	cngaccanaa	aagngaactg	gaccaaatgc	tctcaaaggt	360
gctggcgagct	taanagcgtg	ttangactct	gcacgaagan	gacaggtnnt	ntgagagcct	420
ggnnannaca	ctctcccaaa	ctaaactgna	ncctttcaaca	nangggancc	ccannttggt	480
ggagaaatca	ggtganctgt	tggcccttcc	acaaagangc	aaattctntg	agggcnagac	540
ttananccttt	ttgcngaacc	agtncttgac	tgactaaatg	aaagcttttt	aagccaggtg	600
gcccancctt	aangaagcna	ctttttaatc	cancggaacc	ngcttgagan	aaaaccnttt	660
ttgacccaaa	accnggagaa	ccagctggcc	taccaaaggg	aatggggccc	ccatttgaac	720
ttgggggttnc	ccangaacaa	nccttgnccg	ggncaaaagcc	cnttggttga	aaggacctca	780
acct						784

<210> 2945

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2945

ttcaatgttn	ntnaaactct	ttggaancag	ntcccatcg	attcgaattc	ggcacgagaa	60
cagatagaga	cttggtctta	aaaaaaaaag	aaaagatttt	gaaacaaaaa	attagctggg	120
cctagtgggtg	tgtgcctgtg	ctcccagcta	cttgggaggc	tgagggtggga	ggatggcttg	180
agccctggag	gttgaggctg	cagtgaacca	tgattgtgcc	actgcgctcc	agcctgggtg	240
agagagcaag	actctgtctt	taataataat	aataataata	ataaagtggg	caggaaggga	300
ccccaggga	ggagcataaa	cctctccagt	ggctgtgatt	tgtcagtaag	gacatggggc	360

```

atctggcgga caaatacccc tacagcgata gcattttccg ggcattttgtg ggtctcaagg 420
cgccctgctt gccctcagtg gatgctttgt ccagcccgcga ggcattttat ccagcagaca 480
agcagaagca gcagttttgt cattcgagcc ggcttccctg ccatggtaca ttacgtgagc 540
aggcggctgg ctgtgctgtg ctctgtggag atcacacgtg agattcgaca gcaactcgctt 600
ctgcangctt ctctttcctg ggttctttta agatgaagag agaaccgccga anaggcgggg 660
cttgcggaaa ggcncctggga aaaagnaatg gaatnatggn cttaacaat ggtgccccgt 720
gaactggaat ggttctgant ggcttgccag aactcttgag tcact 765

```

<210> 2946

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2946

```

ancgtgnctt atnnacnctt tggaagacct ccatcgattc gaattcggca cgaggctatt 60
ccgaatagcc ccaggtgatc cnttttacac canttttagc aatggaagtc agcacctctg 120
ctgggccaaag gccatgcttc cccagcctgt ggctgcgctt ctgctgtctc tccgggtctc 180
acctgggcgg gaggtcctc tggaggccag gacctgcctt gtgagggtgc ccttgtggga 240
gaggcgcttg cccaaacctg ctgttccccg ggggctcctt ggtggccccc aggactggag 300
ctctctgccc agagtgcgcc tccccagagg ttaggactcc catgacctg tccctgccc 360
actgtgacct gggggttgca tggtttcctt ctttcctagt tgtggtgaaa tcatcacttg 420
tgtgtttcgt tnttcctggt ctctgctgat ttaccgatgt attaatgta aagtaaaaaa 480
aggaaaaaaa gaaaaangnn naaaanannn cnnnnnaann nanaaaaaaa aaaaaactcg 540
agcctntana aactatagng agtcgaatta cgtaaatacca gacatgataa gatncattga 600
tgantttgga caaacncaa ctagaatgca nngaaaaaaa nctttatttg ggaaaatttg 660
ggangcctat ggcttatttg gaaccattta agctgcanaa aacaagttta ccacaacaat 720
tggcattcat ttnaggttca agttcanggg g 765

```

<210> 2947

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2947

```

ntnctttntg nnntnaaacn ctttggttaag cancatecca tgcattcgaa ttccggcacc 60
gaagggcctt ccagatcggt ctgtncacc tacctntncc gantttngnc ttncagatcg 120
tgctgtccca cctacctgna catntgccac agttggccct gggccaaccc cacgaagggc 180
ctgggcctaa ccccttggtc tggccactt ncagagggac cctgggcccgt gtgccagctc 240
ccagacacta cctgggtagc tcangggagg aggtgggggt ccaggagggg gatccctctc 300
ccttgggggt gccctgtgtg agggggatcc cgcctctaga actatagtga gtcgtattac 360
gtagatccag acatgataag atacattgat gagtttggtg aaaccacaac tagaatgcac 420
tgaaaaaaat gctttatttg tgaaatttgt gatgctattg cnttatttgt aaccattata 480
agctgcaata aacaagttaa caacaacaat tgcattcatt ttatgtttca ngttcacggg 540
gaggtgtggg aggtttttta attcgnggcc gcngcgccna tgcattgggc ccggtaccca 600
acttttggtc cctttagtga nggttaattg cncgctggcg tantcatggn catagctggt 660
nctgtgngaa aanggtatnc gntcacaatn ncacacaaca tacgaccggg gagcataaat 720

```

gtaaacctgg ggtgctnatg agtgactacc

750

<210> 2948
 <211> 757
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2948
 ctatagacag ctacntgctt tttgcaggat cccatcgatt cgaattcggc acgagagatt 60
 tcagtaaagc tcgttcggtt tgttttggtt tctttttacc tagttgctat agtgtctaca 120
 gtctatactc aatacctata aaatgcagta agcatgtgtt acagaaagag gttctgggtg 180
 gagagaaagg tgcgtgtgag acaggagaat tgtcttaagc atataaaaca tgtatgattc 240
 cagaatttta gtatgttttg tataaaacta tttttcatta cggagactag aagtgaacag 300
 agaattacac aagtgtgact atacaaattg naaaacagat actataatat ttccttttat 360
 tttagtgtta tttagcttta ttacagattt ctatttttgt caaaacttca tgggttcctt 420
 caagatcttt tttgccaaaa cattttgata ctatagcatt gncatttgaa agtaagtgtt 480
 ctanactata aaaccaatga acttctacat gagccctaca gacaggcatg tgtagaaggc 540
 aatttatcaa acctattgca ctggcatgaa aagtgtgtat aataattttg ctagccccaa 600
 agcaagctag ttttctttgc ttgcttcctt ttctttcntt ttttccttgc tnttnaagnn 660
 ttgaancttt ttttaacatg gttgaggaat tctctagggn ggattccttt tgggcgtnat 720
 ntaaaccctt tcttttttgg gtttctggaa naccctgg 757

<210> 2949
 <211> 710
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2949
 ncgctnctaa cnnntggcgc tatgcttggc gctnganccc tnngttnngna ntcggcnega 60
 gggtnaagct tcattcantg tccattcacc cantactggt ttgattctan ggcctangaa 120
 aataggactg agcaaagccc ttgtccagat ggaacttatg tnttanangg gaaaacacac 180
 catatncagg tnnacagngt acnatcacga aangntaaat gtctatgaag aacattgtgc 240
 agacggcgat nngntanat agggnaagg tnnnnangac agcatagctt gatgtacnag 300
 cnagananac anatagnгаа annccntcc atactaaggg aatgggaaat aangctnnnt 360
 tttgccttgn tgaccttcaa acatgagaat tgctanagct ctgtgccaaag gntnaagagt 420
 ggaanacaat ntaagcttca gctacatcac ttacggccta taggccacac tgaactgtgc 480
 nngnaaaact cannntgagc cangetcnen ncttaacata tttaaagggt ctntnctgtg 540
 cgcngcaaga agacnacagg acaggtncag ctntgtnncc acnnganntt gatnttgact 600
 tcannngtac atatnttggg ctnantntnn gantnaaaat gcgctatcnc ccataagtnt 660
 ggantcntga ncatantgtg gggcntctgn cacaatgngt attatntcaa 710

<210> 2950
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2950

ggntatgngg	ctntaaatat	acagctctcg	tngtctctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggttaaaa	gaataaaaaa	ggaataattg	aagccttcga	gacatatggg	120
atactataaa	gccaccacat	atttgaatca	tttgggtccc	agaagacaga	gaacaaaagg	180
attggaaaac	tcattctattt	ttttgttatt	aaataataga	tgaaaacttc	ccaaatctat	240
caaatgattt	agatatccag	aaacaggagg	ctccaagatc	cgcaaacata	tacaatgcaa	300
gaaagtcttc	tccttggcac	attatagtca	aactatctaa	agtcaaagac	agaattctga	360
aaaaggcaag	agaaaagtgc	ctagtccagt	gtaaagaaaa	ccttatcagg	ctaattagtga	420
atttctcagc	agaaacctta	caagccagga	aagaatgata	cattcaaagt	actgaatgaa	480
aaaaatgcta	tccaagggat	actatatcta	gcaaaaatat	tctttgtaac	tgaaggagaa	540
ataaagtctt	ccccagaaat	tgcttaaggg	agtcctaata	ctggggagcaa	aatgactaca	600
tttaccatca	tgaaaactta	tgaatgtgta	aaacctgcta	atnaagcaat	ccacanagga	660
ataagggaaa	gtaattaaat	ggtcctgtac	nggaaaacca	ccaaacccaa	attggaanna	720
nancttngga	aaaaaactcg	gcctttaa				749

<210> 2951
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (748)
 <223> n = A,T,C or G

<400> 2951

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gattcgccct	gccctgggtc	tggccggcgg	aagctctgtc	caagggtccac	acacctccag	120
gtttacgcca	acatccttgt	gccctcccca	ccttctcttc	caacgcatta	ggtgcattgt	180
ttaattgaaa	tccaaccaac	aattgtgtgt	caaggctggt	ttggtgcagt	ggctgggcaa	240
attaattttg	ggccaggatg	gggggtgggt	gcagtgaggg	tagggaaaat	gtcaggagta	300
ggaaggttcg	gggggttaagg	gaagggaaagg	aagaccagaa	ctggccatcc	tcttttataa	360
tccattagta	gcaccatggc	tcatttgaaa	tgaaaatatt	acacttattc	cccacccaac	420
cgnagtgaac	tttctaggta	attgttttga	aaacaatttt	tgtatctgtg	aaagtctttg	480
cttntcttt	ccaccttcta	gaaaagtctg	ctaccagttt	ccttactgaa	tacagccata	540
ctcagcccct	ctcgcaccca	gcccgtcagg	gtcanggtca	nggtcangct	tcctnaagac	600
tagcaccgca	ttgtctgccc	tcttttgcgt	aggatttttc	tctnaacca	ngggacattg	660
ccttggactt	tctctacaaa	tgcccttaga	tgtagaaca	caaatgattc	tgnttgtgga	720
actctggctt	tttgccattt	tncttttn				748

<210> 2952
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2952

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attcggccaa gctcagtttt tgccttgaa tatgaagatg ctagaaagag ctctgcattt      120
aagcagagcc ttgtgcaatt cccggaccaaa atgctgaaac tgcaagagtg ccctttaaaa      180
gaccttctta ggcattgtgac ttgttctcta ccagaacctt tgggcaacat gaaggaagtc      240
aaaggcattt actggcttgc tgttgctgcc tgcacagcac ctgacctca accagcgtgt      300
ttgctcctgc ttcagtcaac tttatatgct ttggtcctgt cagataatct cggctcaatg      360
agcatttttc atgctctacc tctctctggt ctacaggaga ttcagattgg ctttgggtgga      420
cagagtgttc gattcctgag ctctgcagag ggtcttctgc tcaactgtatt cagttacaac      480
aaatacctct ctcaacagct gtgtcgtgac ctctgtgtg tcctgatgcc anacctgatg      540
cccgtgcct gcgctaataca tcccttgctc cacaagatct ggttcacttt ctcttgattg      600
gaaaacagaa atccctgatt tantttttgc caaatgggag ttcangtgc atccaaattc      660
canactaccc ttgggtgaca tgattacttt nttcatggaa atatggaagt caatgtccct      720
tccctggcaa aagttcannt actggtntn                                     749

```

<210> 2953

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2953

```

ttaatanaca gctcttggtc tttttgcagg atcccatcga ttcggagaac tagtcaataa      60
ggaacaggat caacggccac tccaccaggt ggcaaatcca catgcagaaa tctccaccaa      120
ggttccagcc tccaaagtga aagacgccgt ggaacagcaa ggggaggtga agaagaataa      180
aagagaaaga aaggaagaac ggcagaagaa aaggaaaaga gaaaagaaag aactaaagtt      240
agaaaaccac caggaaaact caaggaatca gaagcctaag aagcgcaaaa agggacagga      300
ggctgacctt gaggtctggtg gggaggaagt ccctgaggcc aatggctctg cagggaagag      360
gagcaagaag aagaagcagc gcaaggacag cgccagttag gaagaggcac gcgtgggcgc      420
anggaagagg aagcggaggc actcggagt tgaacagat tctaagaaga aaaagatgaa      480
gtccccagag catcctgagg gcggaagacc agaagacgat gaggtctctg aaaaggtaaa      540
ttcaactgga agggaaactat taaagcaatt ctgaaacagg ccccagacaa tgaaattacc      600
atcaaaaagc ttaaggaaaa aggttttttag ctcagtactt cccagtgac cagattgagc      660
cattaccaga ttcccgaag anggaacttc ctgggtccat tnttttacca nggaaaaatt      720
cngccaagga acccttaacc nttaagttt nttaaangg cn                               762

```

<210> 2954

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2954

```

ngnnngnnnn nnnnttttna atntcangct acttggtctt tttgcaggat cccatcgatt      60
ngaattcggc acgagatcac cttggagctc cttgagttag ttctgatcaa gccattacac      120
tcttttcatg tagacctgcc tgtaagtgtg gacatgcaca ctgagctgac cttactgttc      180
aaaagctgga gaaaaagaaa cagctttcat acagtgcata ctgtctacgt ctatgtaaaa      240
gaatttgaga aacatggcag tagccattgc taattaatct gggtatgtgt aaatagttta      300
acttgatttt tgactctggt gtttggatct attttaagat cgatggagtt aattgcttca      360

```

```

tgacagttct tatgaaacat gcttttttat atccttgtgc caatgttttg tttacagatc 420
tttcaaaatg aattcactct gagaaataat gaaatgacaa ttgtgtggca catgttaggc 480
gtagataaaa ttgggagttc tcttcttttg taagattagc tttaaatcca caattaatct 540
cagttaggag agaataagca tccataccct atctctttta ccttgattac aactagatac 600
ccccggacag aagacaaagc aaccacccaa agacttctga aaaggtagat agtagccagg 660
cagactgggg aagaagaaat tnaaaaccct gaacaccaat tttggcantg aggtttacct 720
gggtttaata tatttctncc caaaacttgg ctcaanaanc g 761

```

<210> 2955

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 2955

```

ggtgnnggga aaacnggctt ttatacatatc aggctacttg ttctttttgc aggnatccca 60
tcgattnggc ctgagagtct ctgatcaagc agattccacg aatcctcggc ccagggtttaa 120
ataaggcagg aaagtcccg tccctgctca cacacaacga aaacatgggt gccaaagtgg 180
atgaggtgaa gtccacaatc aagttccaaa tgaagaaggt gagtgggtct ggcgggttgc 240
tatgggtgaa ggtgttggca gggctctaat cttatccaag tctctaaata tgccagtaag 300
agcaccacc aggattgaaa cttttggagt aaccctgggc ttggcccggg tccaagtacc 360
tgctcaccag gccactgggg gaggaaggac angccnatct gctatttgnn caccaacctg 420
acttgatcct ctcttccctc tcccangngt tatgtcttgg ntgtaactga tggncacgcn 480
aagatgacag acnatnanct tgtgtttaac natnnanacn tggtctggtaa cttcttgggn 540
ntcattgttt aantanaacna nttggnnnnn aangttccng gnntttatnt tattnaantn 600
aaccctnatt gttccnatac ccnaannngn cnntttttat tannnnngnn cnttntnnn 660
attaaaatnn nntttttatc nnnattannn nnnanntann nnnnnnaata nnnnctntng 720
naagnnatnn ttngaacnnn tnnnnnnnan tnnnnnnnnn taannnnnnn ntaatctenn 780
nanatttgnn nntnngtann nncnttttgt nnnnacnttn nngnntnnnn annncnnnng 840
tannnnnnna tccc 854

```

<210> 2956

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2956

```

tttnncngac nctnttnaac tccctgcagg atccctcgat tcgaattcgg cagagacaca 60
agaaaatgaa attaaaaaat aaatcaagct ttcatatgct caactncatt ggaccactgc 120
aatcctgggt acatattgct ggctgaagaa acccattgnn tatagtcctc ctgtcactgg 180
agatatgtgt ggtgagaaag agaaatggcc acnttgcaat ancagtggga agcaaagtca 240
gaaagcacc agnaaagggg aagatctagg tgacagaggc catctactct tntggattca 300
tntggttctg gcacacagag aatggagctt ttgnggcaat aatttctcta ctgatgtgag 360
caagnatact tctttctana attagcaaat tattgctaac tatttgtaag ctaaaatnta 420
aaatnagngt ttaatgtaaa atttcaaaac agaagggata atncatggnt cctatacatc 480
ccataggtag taatgcattg agctaggctg tggntactcc ctgagtgtga tttgtgttca 540
cataagntct tanttgngt tgnactgnta ttattaaatn tcaagtntga cantaangcc 600

```

acagcangac	tttagagctc	naagacattn	gtnacacaan	cttnntggca	acttttttca	660
aaacnttgna	cacttttatng	ggnnnnaaac	ttncctnttt	tnnnaaacca	gatcnttggg	720
gcntcaanct	ntttgaance	gnanntgcnn	t			751

<210> 2957

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 2957

ncgaaagncc	aangccggac	nggacgggaa	caccctccca	tcgatngcga	annccggcacg	60
aggaatcttc	cttaaagncc	agagcctccc	ttantntgga	nttttgcct	gcccagcct	120
tctcgcgggg	agggaaactcc	ttctgtctgc	cgctggnac	atccctgagg	gagaaggtct	180
gtgagctgag	cccacatcac	tcgntctgct	gcccangtgg	gcttccatct	tcactgagga	240
aaagncattn	ngaactcccc	ggcgactgca	aattaagtaa	tcaaggacag	atgggactgg	300
gtngaccatt	ccaaggagta	cagntactgg	aagaatctgg	aagcaatacc	gagcacatct	360
gntggcatna	atccattgga	gcaataatgc	tggacgtaga	aagnatgtcg	cntttttaaa	420
aaaacatcat	cannnctgag	catacgnagc	aagngaactc	taacttggaa	cggangataa	480
attcntctaa	aaaacaagag	aaaaaacct	ncagacaaaa	ttatgcancg	agagctttaa	540
aaaatatana	tcccacagca	tnagggaaaa	cactttgnct	ggcnatgccc	acngnactcc	600
anccctgggc	cgacagaacc	gaggactccc	ggncccaaaa	aaaaaannan	naagaaagac	660
nngcattaaa	gggagaaacc	agncnggncc	ngggcnagaa	aaaacnanaa	nanggcaaag	720
aaggcannnn	ttnaaaanna	ntnnaaagac	caaagcagnc	anagganaaa	acc	773

<210> 2958

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 2958

gannttcnac	taatngcttg	gntctcgttc	tntatgcagg	atccctcgat	tcgaattcng	60
cacgagaagg	cctgtgccng	aggggttggc	cagttgggag	ccngngtcnt	cctcatcagc	120
ntatcccat	gtcctctatg	cccctaant	gcttntcat	nttggagggn	ttggggagaa	180
gttggnngtg	ccacccccac	atccctgngg	aggtgttcac	ccagtctgag	anccgnnagc	240
actnaggcag	ggcctgatac	tggacctgtn	tgagctnana	nctcnntgnt	ngnaanganc	300
tgagaacngcn	gancantgct	cacttgcatn	gagagccac	cananagctg	acacctgcgg	360
ctnngttncg	natcatctnc	nacntagaan	tctacatatn	gctgacttac	nncnnnagcc	420
caagggaatc	agattccanc	tatcaaactn	ctgattangc	cnaancctct	attgtnaaca	480
ggttntggcg	cacntgttca	tcacnactna	tgcntcgaan	agatgtgaaa	tgnaaaatgc	540
natntctatg	tntctttact	catttgataa	tntttnnnat	gtctgcattc	naaatgcgtg	600
anctttgncc	aaagcnnnta	gctacctntt	nttcgcct			639

<210> 2959

<211> 761

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 2959

nntttncnaa	tncnaggcta	cttgttcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagaaatca	gttnttaaac	tttatgtata	tattntagcc	agagcttaat	gttttatgaa	120
gataaaggac	atgaagntta	acaatggaca	acngntannt	cagctaattg	tgagggtcaag	180
naattgnaag	acatacgga	aggctttgtt	ccacaatatt	atatggacca	ctgaacaaga	240
atgacagccc	tttgttatca	cttggcatat	gaaaagtgtg	gtgtgcatag	gttgngtnaa	300
tttntnatgt	gcntaaaaat	gngatnttaa	nttatatgct	ctgaangata	atncagggtta	360
tagttaaaaa	tgtacaatgt	gccanntcan	nntatntnac	cctagccctc	aaattattct	420
gattaagggtt	aaaatgtgct	ggcttacngt	gcttnancct	gaggccttct	gatnggntct	480
tggnnacaga	nttttaaagt	aagggtgtgan	ttnnngcaact	cntgtgctnt	atntataaag	540
atatnaanta	atnncatgtg	ctgatatttg	aaaagaattt	nccccaaaat	gtgttatttt	600
aaaancnatc	aaagctagct	acangctnaa	naggctcagt	tcttctntaca	taatcggnnt	660
aaanattnta	aggnattata	anaattgtaa	attactgccc	aattgggtaa	aaaanggggg	720
tatacatgca	annaataana	ctcnagccct	ttataacttt	n		761

<210> 2960
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (857)
 <223> n = A,T,C or G

<400> 2960

nttctnact	naagcncttt	gcaacttctt	ctttntgcag	gatcccatcg	attogaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatectat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtacc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcatg	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaanng	atgnaaange	420
aaaaaacnan	anacacaang	ctngctncag	gnannngnnc	tgngctgact	nttgngngagc	480
cnccangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnnng	540
gaacngaaac	cccctcncaa	tcctgaaagn	gtcntgnaag	gtnnaccctt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gnccccnnnn	cnntantngn	660
ccngnnnncc	aatntcctan	nnncntangg	tntnaccccc	cnntnaaana	gattttgnnn	720
aagggnnttc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	ccccttttaa	attnnccggg	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2961
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (857)
 <223> n = A,T,C or G

<400> 2961

nttcntnact	naagcncttt	gcaacttctt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatectat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtacc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcag	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactnng	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaannng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgngctgact	nttgngagc	480
cncangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccctcncaa	tcctgaaagn	gtentgnaag	gtnnaccctt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gncccccnnn	cnntantngn	660
ccngnnnncc	aatntcctan	nnncntangg	tntnacnccc	cnntnaaana	gattttgnnn	720
aagggnttcc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaa	attnnccggg	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2962

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2962

gnnnnttnna	atnnnagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggccctgt	gttaatccag	gtgagaacag	gtagtaccca	aattagggca	tggtagcagg	120
gatgcagagg	aaagaagagg	agtangaact	atgtgggagg	tagtattact	aggatttttag	180
ctttgaaggg	ttgagagaaa	tgtcaagcct	aactacaagc	aagggtttcta	gtatcagnaa	240
cttcatatca	tttgaaatac	aaanattanc	aatcaatgta	aaaaacgtcc	tggtgctaagc	300
atagcatgaa	gtctgacttc	agtgtagcat	tgaggagggt	cctggcctca	natactgcac	360
cagntgttng	ntcagctntg	ggcnanaaca	ttagnacgat	cattaggnat	ttttgtccct	420
tnntgcattg	tccttcgtca	tatatattt	aaacacctac	tgtatcctag	gcagtatttn	480
ccagggatgc	aaagatnaat	tagatctggt	ngcttttctt	canagtctga	agttaagtgt	540
cangtttgtg	gggaangtta	ttctngcctt	gtgtatttag	teccaactta	agctntaatt	600
ttngaattng	taaaacctta	tctgattata	aaaaaannaa	cncagtcctna	aananaggat	660
ggntgaatgc	ataaatttaa	tcttgaaaat	ttaancgact	ggttcttcaa	aatgncactt	720
ttcatccccg	ggttgcttnt	ggctga				746

<210> 2963

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 2963

gnnnnttcta	atgctaggct	acttgttctt	tttgaggat	cccatcgatt	cgaattcggc	60
acgaggaaat	gggtaggaa	aagcattagc	ctggtctggg	ttcctccagc	tcttaggaca	120
agttggaaca	natttgctgt	tctgatgatt	catctttctg	atcacaggga	tagcataact	180

cagctttgaa	gaaagggcatc	tgcagagatc	atggcagttc	cattttgcgt	tctgagtttg	240
ctccttttagg	taagggaact	agaatgcaga	tacagttaga	atcagtctct	ctctctctgt	300
ttgtctgtct	gtctgtcact	ctctntctcc	ttattgcact	ganggccggg	cgcgggtggt	360
cacacctgta	atcccagcac	tttgggaggg	tgaggcatgt	ggatcacgag	gtcangagat	420
cgagaccatc	ctggccaaca	tggtgaaacc	ccgtttctac	taaaaatata	aaaattagcc	480
ggcgtgggtg	tggacgcctg	tnatcccaac	tactcangaa	gctgangcag	gagaattgct	540
tgaacccggg	gangcggang	ttgcggtgan	ccnaaattgc	gccactgctc	tccaacctgg	600
gtnacananc	aagactctgn	cttaaaaaaa	aanacanaa	aactcgagcc	tntaaactat	660
agngagtcgt	attacgnaga	tccaaacatg	ataagatnca	ttggtgagtt	tggacaaacc	720
ncantngaata	gccanggaaa	aaaatgcttt	ant			753

<210> 2964
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2964						
tancttnata	gacagctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggggaccac	tggcctgcct	gacctcacc	cactaatatt	ttttattttt	tgcagagaca	120
ggatatgggg	aaaagaaatc	agattgttac	tgtgtctatg	tagaaaagga	agccataaga	180
aactccattt	tgatctgtat	taagaaaaat	tggtctgctt	tgagatgctg	ttaatctgta	240
actttagccc	caacctgtg	ctcacagaaa	cgtactgtat	tgaatcaagg	tttaatggat	300
ttagggctgt	gcagcatgtg	ccttgttaac	aatatgtttg	caggcagtat	gcttggtaaa	360
agtcacgcgc	attctccatt	ctctattaac	cagggacaca	atgcactgcg	gaaagctgca	420
gggacctctg	cctgagaaaag	cctgggtatt	gtccaagggt	tccccactg	agacagcctg	480
agatatggcc	tcatgggaaa	ggaaagacct	tacatcccc	agccggacac	ccttaaaggg	540
tctgtgctga	ngaggaggag	tgaagagggg	aggcctcttt	gcagttgaga	taagagtaan	600
gcttctgtct	nctgctcatt	cctgggaatg	gaatgtcatg	gtgtaaagcc	accattccca	660
ttcgttggat	tctgaaatag	gagaaaactc	cctgtggctn	anaaccgaga	tatgctggca	720
ncaatactgn	tctgntgctc	tttgctnn				748

<210> 2965
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2965						
gnnnttctaa	tagcnagntg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaaa	ggcttagatc	attgacttca	gattttttgt	cttttctaac	aagtgttcaa	120
gactataata	taaattttcc	tctaagcatt	gtttagccac	atttcacaaa	tttggaaatg	180
tttattcatt	ttcatcttca	ttcagttgaa	aatattttct	aatttccctt	ttaatttctt	240
cttttactca	cttattattt	ggaaatgtgt	tatttcattt	ccaaatattt	ggggattttc	300
aaatatctcc	tgtaacaat	ttctaaatta	gttgtagtca	gagaacatat	tctgtgattt	360
caatgctgag	gcttgtctga	agccccagaa	tatgggtgat	tctgtggaat	gtttcatgca	420
catgtaataa	gaatgtggct	gggtgcagtg	gctcctgcct	gtaatctcaa	cactttggga	480
ggctgagggtg	ggtggattac	ttgaggtcag	gagttcgaga	ccagcctggc	caacataagt	540

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gaaaccctgt ctctacgaaa catacaaaaa ttagctgggt gtggtgggtg gtgcctgtaa 600
tctcgattgc acccctgcac tttagtctgg gtgacaaagc aagactacat cttcaaaaaga 660
aanananannn nnnnaaaaang ntntnnnnnnn nnnnaannnnn nnnnnnnnnn nnnnnnnnnn 720
ntngnnnnnnn nnnngnnntn nnnnnaannc ccc 753

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<210> 2966
<211> 745
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

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<400> 2966
ggnnnnnnntt gaaangnttn ttgtcttttg cggatcccat cgattcgaat tcggcacgag 60
gttacaaaaca gtggaaaaca gacattttca gatgtttgca caccatgcac catgcaaaat 120
acanaccagc tgaatcataa naacaaatga ctagttactg ggagggtttt ctctctttct 180
cattattttt acttctacca aagtaatgtg cacatactgg tnattttatt cnattttaat 240
tttcaccaag ctagctaatt acctttcttt gttttttgtg gaggtgggct gtcgggtcttt 300
tgctgaggct gatctccaac tctgtctctc aagcagtcct tccacttggg cctaccagag 360
tgctgggata acaggcgtga accactgcnc ctgacctata nctataatnn taagaagnaa 420
aatggngcaa aaaccnnaca ngagcaacct gaentnctac tntcanaaac aatcactttt 480
aactctttga actgnatctc tgntatttgc ctacttattt ctaagtaata tgcttactct 540
ncatgttata taaatggggg attaaagctt ttnacaagc atctcttctn actatcaaca 600
ttcacattca ttacaaangg acttacaata tctttntcaa aaaaaaaaaa nnnnnnnaaa 660
aaaaaaaaagc ctttanaact ntanngagtc gattacgtga tcccganttg ataagganca 720
nttggtgagt ttggacaacc ccaac 745

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<210> 2967
<211> 747
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

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```

<400> 2967
ggntntnaat ttgcagctct tgnngntctt tttgcaggat cccatcgatt cgaattcggc 60
acgagcgggtg ctggtgcggc gggggactgc ggggcngcc tcaggtagca gcagcagcag 120
cagcagcagc agcagcagca gcagcagcag cagcaatgtt tcacttcttc agaaagcctc 180
cggaatctaa aaagccctca gtaccagaga cagaagcaga tggattcgtc cttttagaag 240
catctcagag gctctccagt gacgtgctgt taaaagtgtt gaccctgggt cagacccttt 300
gggttggtt cgtggctcca cgacttactc tctacccttg gcagtggcgt gatctcggct 360
cactgcaacc tccgcctcct gggttcaaac gattctcctg cctcagcctc ctgagtagct 420
gggactacag gggcctgcca ccacgccag ctaatttttt tttgtatttt cagtagagac 480
gggttttcac catgttggtc aggatggtct tgatctcttg acatcatgat ccgccgctcg 540
gcctccaaag tcctggggatt acaggcgtga gccaccgtgc ccggcctata tgttntat 600
tataaagtta tatgtnttat tatttacttt ttggtatgta attggttatg tcataaaatt 660
ataatataat aattccttaa ccaaattata ttccataaat tataacntat gaattcaata 720
tgcntttatt aaataaagat tctagan 747

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<210> 2968

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<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2968

getatnttna	tatancagct	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	ggacacgttg	gctgcgtttt	cggcggtt	cccgggtaca	aaaatggctg	120
tggctagcga	tttctacctg	cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	180
ttctggagtt	cgaatttcgg	ccggacggtg	tttacgtgta	attgttcacc	ataggacgca	240
tgaagagtac	caagcaagag	gggagaggaa	agcttagata	tgccaacaac	agcaattaca	300
aaaatgatgt	gatgatcaga	aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	360
agagaattat	tgatgacagt	gaaattacaa	aagaagatga	tgctttgtgg	cctccccctg	420
atagggttgg	ccgacagaat	aatgatgtt	tctcaggctt	ctgaagaact	ctgaaagcct	480
aatttcactc	tgtaaaaaga	aagtttggtt	tctgaattgg	gtcttttcaa	ctcttgagga	540
aatttccttca	acaacccttg	gaaaggaaga	aacatttaaat	ttcacttttg	natatccctg	600
angaatgtcc	tttgnatcac	cttctttgaa	tagaagaaaa	tgtggagaaa	tctaacacat	660
gcttgcactc	ttgtaggaat	nacttaagtc	ttctgcttaa	agaaaccctt	ntttagaaaa	720
accaaaggaa	ctttgaaatt	gtnaattgga	gatgagcnen	nt		762

<210> 2969
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 2969

nnnnnnnnnn	ttnancagct	cttggttttg	aggatccctc	gattcgaaat	attttcattg	60
gttatacaac	tgtgtgtgtc	tttctgagaa	actcagcccc	aatgtgtaac	accctggatt	120
ccacggggca	gcaaattcca	cacactgcac	ccatgttgtg	agcggagatt	ttcgggctga	180
ccaaaacttg	aggcgaactg	agtctccatc	ttaacactca	aacacacttc	atggcggcct	240
ggaaacaagg	caatcattat	gaagcttcag	cccagttcct	ctgaaacca	cgtattgggc	300
ctgcttcatt	gtctctctag	gggctaata	caaacatgtg	ggaagggag	ctaaggaatg	360
cctgtctaga	aagggagggt	gtataatgta	gtgggaagaa	cctatctgtg	gggtaaactt	420
tttttgcac	atgtagaaag	caaactctgg	taattaaatg	tttgtgtgtg	tgtgtgtgtg	480
tgtgtgtgta	tttangtttn	nnntanggnn	nnnnntncnn	tnnncnnngc	ccngtntang	540
nnnnnnnnng	gcannngnnn	ttenctccnn	nnncananga	nctnnngncn	ngtnnctgtt	600
cnnncttann	nntngaangn	tnnnntnnga	aaacctnnnn	tnnnccnttt	nnnnantggn	660
nnnnnnnnct	nnnnnnnnnn	nnnnnnnnnn	nnnacntnnn	ngnnnnnangn	ccnnnnnnnn	720
tnnnnnnnnn	cnnnnnnnnn	naannnnngn	nnnnnnnnna	tttnnnnnnn	nnnnnnntnn	780
nnnnnnnnng	g					791

<210> 2970
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2970

gntgtntnnt	tacnactgct	gttcttttgn	aggtcccatc	gattcgaatt	cggcacgagt	60
aaacatccag	atgtgttttg	atagcctggg	gtaattaagg	ttgaggacaa	gtgtaccaga	120
tcaaggagag	gaacccgtcc	catgcctgcc	gtgtgttcag	gtggctagac	ttgttgttgc	180
atctgttagt	tccactctta	gtacatcatt	gtgctgtgag	gtgtcattag	cgcgcgttta	240
atTTTTcttt	tgtttttaga	gacagtgtct	tgtcttcacc	ccggcttaag	tacagtgaca	300
tgatcatagc	tgactgcaac	ctcaaaactcc	tgtactcaag	tgatcctnct	gtcttantgt	360
cccaagaagc	taggactgca	ggcacacacc	accatgcctg	gctaattttt	aatttttttg	420
taaagatggg	gtctcctatg	ttgtctcanct	gggtctcaaac	tcctgtcctn	aagcagtcct	480
ccaccttttg	ccttccaaag	cactggggat	tagnatnctt	atnntcnnnn	atanncetta	540
ntnnncnngt	tttntctaat	gggtattttna	acnttttnca	aanntttnnn	ntnnnttttn	600
nanaatncnn	tttnttncnn	aaggnnnttt	nccanntntt	ntnnnaannn	naaannnnnn	660
nnnnnnnnnt	nnnnnnnaaa	anccctnttt	nnnaacnnnt	tttnnnnnnn	nnntnttttn	720
nnnnnnnnnn	nnntntnnnt	nnnnnnnnnn	ntnnnnnnat	ttnnnnnnnn	actcnnnnnn	780
tttnnnnn						788

<210> 2971
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2971

tatnttttna	gcngctcttg	ttctttttgc	aggatccctc	gattcgggtg	tcagcagtaa	60
gatggaagaa	agaaagtcaa	agctggaaga	ggccctcaac	ttggcaacag	aattccagaa	120
ttccctacaa	gaatttatca	actggctcac	tctagcagag	cagagttaa	acatcgcttc	180
tccaccaagc	ctgattctaa	atactgtcct	ttcccagata	gaagagcaca	aggtttttgc	240
taatgaagta	aatgctcatc	gagaccagat	cattgagctg	gatcaaactg	ggaatcaatt	300
aaagttcctt	agccaaaagc	aggatgttgt	tctgatcaag	aatttgtttg	tgagcgtgca	360
gtctcgatgg	gagaagggtg	tccagcgatc	tattgaaaga	gggcgatcac	tagatgatgc	420
caggaagcgg	gcaaaacaat	tccatgaagc	ttggaaaaaa	ctgattgact	ggctagaaga	480
tgacagagag	cacctggact	cagaactaga	gatatccaat	gaccagaca	aaattaaact	540
tcagctttct	aagcataagg	agtttcagaa	gactcttggt	ggcaagcagc	ctgtgtatga	600
taccacaatt	agaactggca	gaacactgaa	agaaaagact	ttgctttccg	aagatactca	660
gaaacttgac	aatttcctag	gagaaatcag	agacaaatga	gatgatggcc	gatatgtcca	720
ccagatgacc	agtgcctgcc	ccggan				746

<210> 2972
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2972

gntnnnnnaa	tgcttggtc	tcgntcttnt	tgntgcagga	tcccatcgat	tcgctaatat	60
ccagaatcta	caatgaactc	aaacaaat	acaagaaaaa	aacaaacaac	cccatcaaaa	120
agtgggcgaa	ggacacgaac	agacacttct	caaaagaaga	catttatgca	gccaaaaaac	180
acatgaaaaa	atgctcatca	tcactggcca	tcagagaaat	gcaaatacaa	accacaatga	240
gataccatct	cacaccagtt	agaatggcaa	tcatagagct	tttcatttat	ctgagtgttt	300
tcctctgctt	gtcgggactt	gtgctttcac	gagctcctgc	tctcatatca	ggggagtga	360
taattgaatt	tggatagttt	tttggttttt	agttggaaca	ctccttttcc	tgtggaacgt	420
ctatagaaaa	aatgagtcaa	acagagaata	tgcaggggag	gcaactctga	atgcttccat	480
ggctacatac	atacctgttt	tctttgattt	gctaaaccct	aagttaaaaag	gaaagtactg	540
tctaaaatag	ggagaaatcc	cctatatatta	taccatcatt	tggagtattt	acaatgggag	600
tgttttgnat	tataaatgtc	aaaaangttg	agacaggact	cacttaaatt	aagangggaa	660
actttttttt	aatgatggaa	atangggctt	aataaactta	catctnctta	acttctttaa	720
taattggnaa	taaactatga	ctggtcaaga	attggacnnt	cc		762

<210> 2973

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 2973

gnnntnnnct	antnncaggc	tacttggttct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgagggtga	tatgaaaagc	gaatgcacca	tttcttggtg	atgattcagg	tcagcggttg	120
gacccaggaa	tctcctgtta	atcagtaccc	tggtgatttt	gatccaggtc	atcaagacca	180
tggttcccat	cgtaggcagt	cacactcttt	ctctcttgga	tcatttgctg	tggggaagca	240
aactgtcata	tgagaggaca	ctcaaacagc	ctctggagtc	tcatttgcta	aggaactgag	300
gactccagcc	tgagaactca	ngcaagtaac	tgaggcctgc	caacaacccat	ggagaaagcc	360
tggaagtggg	tcctccctca	gccttcagtc	gagacaacag	ctgcaatgac	agccaagcca	420
gcgccaccca	gcttagccac	ccccagagaa	ctaactctca	gaaaccatgt	aagataatac	480
atgttngttg	tnttaagctg	ctaagttttg	gggttnattna	ttatacaata	gatnattaaa	540
acacatagca	tataaataaa	atcaataaaa	ccagtatggg	tcagtaatga	gttaattaga	600
taattagaca	aatttttgc	ttctgnttct	atggtnatna	ttttcttcag	aaaaaattct	660
ctcggggtaa	aaaatgttta	aaagtggttc	ccaaccggac	attttttaaaa	ttaattaatc	720
agtttnggga	aggccaaaagc	cgttttggat	tgcttttaan			760

<210> 2974

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 2974

gcnanagcng	nctnatagct	cggttggctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaagaga	actatctaaa	tgagtaatgg	tcaagaaatt	ttaaagcata	120
atgacatgaa	acaaacaacc	ggtccaggaa	gctcagagaa	tacaattcat	gacaaacaac	180
aaaaatacag	caccagacat	agcatttcct	atatgtagaa	taaaagaaaa	taaaataaat	240
caataaatag	acaaagagaa	aatcttgaca	gaatctggaa	tgaaaactac	attccttgta	300
gagaaaaaag	agcaaggatt	tcagcccact	tccagtaaga	aaccaggcaa	gaaagaagag	360

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agttgcggga aatgttaagg aataaatgca ccaacttaga attctacatc tagcaaaatt 420
atacttcaaa agcagagggg aaatcagaat ttaccagaca ataaaacact aacggaatat 480
attgccagaa aactttcctg caaatgtgtt aaaagangtt attcatggag gagaagagtg 540
atatagatca gaacctgtat ttacaataag aaagcaagta tgttgaaaaa ggaaaaaaa 600
tgttttatgt ttcttattgn aaggtctttt taaactacat ggtttggtta aaggtaatta 660
ttaagtaaaa tggttttggg gccaanntnc ccaaaaaaaa aannannnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaaccttng ggncccttta aaaacttttt 780
ngggggngnn nntttt 795

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<210> 2975

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2975

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cagggnnctt aatnncagct cttgttcttt ttgcaggatc ccatcgattg ggcaaatatt 60
aaatattcaa tgaatgatag ctgcctctac ttctcctttt gttgttttta ttttccattt 120
atggngtca tttatttatt ttaatgtctt cgaaagtatt gactttaaca agtactttgt 180
gatgcattta ttatttcatt tgttattatt tatgtatttg atttatttct ttgtgaggta 240
ggatanaatc tcantcagat ttttgctgtt aggataccac agactggata actacaaaga 300
aggggaagtct gtttaactcn caattctaga ggctggcgca tctaagagca tgacactggc 360
aactggcnag gatcatctca tgggtggaagg tngaaggag tacatganat anagagaanc 420
accatgggct ngactccgct ntgtacaacc aaaccttnan ntnactaacc cgntcntgca 480
ataatnacat taatccccctc atgaagggttc caccctctcat gactgattna catntaatta 540
ggccccacnc tcctaanatt attcacttgg gagntcaaaag ntctaacacc gtnaaccttt 600
tgnngggata ncattccnaa ccnttncnc nattgntggn cnaaaaagna ccnttaccaa 660
tccctttacc ctntttgngc ntaacncnt ttannagcgt gananntnna ctgtttcttt 720
taaaatangg ntnccttaaan tnncttggan taaattttta aattggnant atgnncanan 780
ctttc 785

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<210> 2976

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2976

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gnnnnnnntt nnaaatnna ngetacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgagc ctctgcgcct ggccccgggt gggtcagccc gcgtggacca cctgaccttg 120
gcctgcaccc ccggcagctc cccacacttt ttgcgctggg tccacgactg cctgggcttt 180
tgccacttgc cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg 240
tttgggcttg ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc 300
actcttggtc tggtctgagtc ccttccgggg gcgacgacac gacaggacca ggtggagcag 360
ttcctggccc ggcacaaggg gccaggcctg cagcacgtgg ggctgtatac gcctaacatt 420
gtggaggcca ctgagggggg ggcaactgct ggaggccagt tcctgggtcc ccctggggca 480
tactaccagc agccaggaaa ggagaggcag atccgagctg cagggcacga gcctcatctg 540
cttgctcgac aggggatcct gctagatggt gataaaggca agtttctgct tcaggctctc 600

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acaaagtccc	tttttaactt	gaggaacact	ttctttcctg	gaagcttgaa	ttcaanaagg	660
caaggggggg	ccaactggct	ttttgggtca	angggccaac	aatcaagaan	cnttttgtng	720
gcaantcccg	ttaccangga	agccaaatnt	tggccaaggg	aacccccagg	aaaaccctn	780
aagggtatgn	ccccaagggg	ct				802

<210> 2977

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 2977

ggcncntttt	ctaagtcttg	gctactcgtc	ctctangcag	gatcccatcg	nttcgaattc	60
ngcacgaggt	gaagaagant	aaaagagaca	gaaagganga	acggctngan	gaaaaggaac	120
agn gatgcga	aagaactnaa	gatagaaaac	caccattaaa	actnaaggan	tccnaggcct	180
annacnctca	annagggaca	ggaggctgac	ctttangctn	gtgnggagga	agtcctctnn	240
gccantggct	ntgcntggaa	aancatcatn	aagnagnngc	agcncaaggn	cttctccant	300
gaggaatagg	ctcaacgtgg	gcncctcagg	gngagggnanc	atgagcncct	cntagttgga	360
acatatccct	aagngtatga	tnatgaatnt	cccaggagca	ttctgcaggc	nnttaaccat	420
angacnctnn	ngctgctnct	ntgcgnatat	tnnnntngna	nggancnctc	nanncttatt	480
ttgaaacagg	tcccngncan	ttgaaatttc	catccnnaat	ttcngtannc	aagggtttng	540
ctcatcctac	ncnatnnctg	ancagnntna	ncatttcnga	naagggtact	acangnccan	600
cnantancat	tgtagnattg	cgntatnant	ccccctcctt	tnntaattnc	cctaangnac	660
tnaanttnna	anccnnggtn	gataatagca	acnntttcga	tgtggattta	antacccttt	720
gaattccaat	ttttgnttgn	nnattnctat	accttttanca	tgttgaatcc	ctnnattaac	780
aattncttta	ntttggaact	tcttaacca	ccttcaaatt	tttngccg		828

<210> 2978

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 2978

gnnnnntttt	cnaatgctng	gctactngtt	ctttntgcag	gatcccatcg	attcgtttaa	60
aaagcatttt	attatgtatt	atgaaatatt	tcaaacataa	aaagatgtaa	agactatcta	120
ccaatgactc	cccccttaat	aaaacaaatt	aacctgaagg	ctgttttggtg	cccctccttg	180
attgtgcatt	cacctcccaa	cccctcgctc	cttgggcaac	tggttatcttt	gttatttgctc	240
attgccttaa	cattagattt	ttttattact	gcttttgtaa	ttctaattgat	atcaaattgga	300
aaaaatat	tgaatgcaac	tcctctttta	atttgctcca	attgggtatct	gtatttttta	360
gtccatgcoct	gtattataag	tattataaat	actatctgtg	tatacttttg	ctaaagtcca	420
gtgtattngt	taaactgatg	atacagcttc	ataagatttt	angtcagcta	atggattgctc	480
aatattttgn	gtagaatact	taccagggtta	taaattacaa	tttgaaacat	agatatccta	540
tagttngaga	atttgaacat	agatatggat	tatgttgaaa	tcgactgcct	ttntcttagc	600
tatgacagta	ataaactata	tnacaacaaa	aaaaaaaaaa	ctatanaaac	tcgagccttt	660
tagaactata	tgagtengat	tacgcgatcc	agacntgnta	agatacattg	atgaatttgg	720
ccaaaccaca	acttgggaatg	caanngaaaa	aaa			753

<210> 2979
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 2979

gnnnnnnnttt	caaatecgcta	ggctacttgt	tcttttttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gaggaggagg	aagaggagga	aaatggggat	tctgtagtcc	agaataataa	120
cacttcccag	atgtctcata	agaaggtggc	cccaggcaat	cttagaaccg	gacaacaggt	180
ggaaacaaag	tcacagccac	actccctggc	cacagagacc	agaaacccag	gaggacagga	240
aatgaacaga	acggagctga	acaagttcag	ccacgtggat	tctccaaatt	cggaatgcaa	300
gggtgaggac	gcgaccgatg	accagtttga	aagccccaag	aaaaagttta	aattcaaatt	360
ccctaagaag	caattegcgc	ctctcactca	agccattcgc	accggaacta	aaacagggaa	420
gaagactttg	caagtggtag	tctatgaaga	agaggaagag	gatggcacc	tgaaacagca	480
catagaagcc	aagcgcttcg	aaatecgtag	gtctcaacct	gaagacaccc	cttgaaaaca	540
cagtgaggan	gcaagagcag	cccagcatcg	aagagtacat	cttccgattt	caaggaaactg	600
atgaaattag	aaaaaacacc	ttcngaaca	ttgggatagc	cttggaagca	ggacccatta	660
aacaagcttg	gaaaattcca	attcgggtga	aantgagttc	cccaaaagnc	ccttanttgg	720
atacctcatg	gttcntttcc	aacaggagaa	ttctggttgc	caaggttcat	ttcccaccat	780
tagccccaag	ag					792

<210> 2980
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2980

gannntgcta	ctaattgcttg	gctactcggt	ctntntgcag	gatcccatcg	attcgtggaa	60
aatataaaaa	gtgacacttt	atgcaaattg	gatggcctcc	gagctgaaat	gaaggaaactg	120
gcaatctttc	caaagtggca	gccaaggccc	cactccctgt	cctactcaat	ctctgnnnngg	180
aaaaactgtg	ggatangata	gcagncagct	ggggacacac	agaggaacat	tcaacaggaa	240
gggtcccgtct	agggaaaaagg	ccacanancc	catcctnttg	ccgattcagg	gaccttgga	300
tntaagtgga	ttaaaccgana	gggaggaaan	ctntcatttc	antggtcttc	aaatcaagtt	360
gaaatattac	tgngaggtat	cccacttnag	cctgaaccag	cagacntacg	anagggtcac	420
tctagagtca	cnaaggaaaag	cangtccnc	ngaattgcaac	acattgatcg	gaagtgnacg	480
ncncagacna	agaatggccn	acttgataat	tacttangac	ntntatttna	ccggangaac	540
atnnaaatac	ttttgtaaat	attcatattg	ntgaaccttt	cataatcagg	aatttactat	600
gtactatact	gtnagtnata	attcgctat	aatttactta	atctatctcc	ttntangaca	660
tatacnnaaa	tgggntnctn	tggaagttgc	ctngtgcgaa	aatgttttta	aaagtttttc	720
aatttggttt	ggaaaactct	aacttttttt	nnttttn			757

<210> 2981
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 2981

gnnnntttnnn	aanaacagct	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggttacc	tctcaatttt	aacttttttt	ttctttttta	attaatgttt	tttaccatg	120
gcaagctgta	atagcttttt	tgaggggagg	taggtgcttg	ataaagaaca	gtaggtgctg	180
cttatcaaca	gatgaaagga	gggttctttt	tcaggcaacc	atctcatttg	tgagtgaatg	240
gactttctct	ttaaagtgtc	gggattgnta	gtgccatttn	tattgtaaat	atcagaattg	300
ttattcnttg	tcttctacct	aagaattctg	tctcttaggc	tttctcttcc	cagatttccc	360
aaagttggga	aaagctgggt	tgagagggca	aaaggaaana	naaagaattc	tgtctctgac	420
ataattagat	aggaaccan	ttgggaagct	gtaagaataa	tgagggtgca	aggtgggtgt	480
ggttnagagc	cgggtgatag	ctgtggatgt	agaaagaatc	tgaatatatt	gtgtcatagg	540
gntgacctga	tttgctaata	gagtagttaa	ggatgtggna	aagtggaaac	aagcatggct	600
tcaangtctg	ggcctgaaaa	accgggagaa	tgagtcacat	naactaagac	gggaaagaca	660
atggtagggg	cctgtttagg	gaanactnng	nagaagatta	ncnccctcatt	nctaatgatg	720
taatncatan	aatcttgcan	gagcctt				747

<210> 2982
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 2982

nntgtngntc	naatgctagg	ctacttggtc	tttttgcagg	atcccatcga	ttcgctagag	60
tgcaatgttg	cagtgcgaatg	ctgcaatctg	ggctcactgc	gacctccacc	tcctgaggca	120
ggagaatggc	gtgaaaccag	gaggaggagc	ttgcagtgag	cagagatcgt	gccactgcac	180
tccagcctgg	gtgacagagc	gagactccgt	ctcaaaaaaa	aaaaatctaa	ttatcaaagt	240
catcccatgg	tgatagtcct	acattatgtg	acattaacct	atattcctgg	gtccttttaa	300
ttcccaacta	ctgctcttag	aggtcttagc	cttttatgtt	aatttttata	aattcaatta	360
aataaatatt	attcccaaatt	cttagtggtt	gcagattagt	tataaatcct	atccaaggta	420
ggttaaaggc	caccgtttta	cagataaata	gtacttttta	tatttttatc	tgaaatagtg	480
catttggtga	gaataaaaaga	aggtatgttt	aaaaatagaa	tcttttgggc	ctggtggtac	540
gcccttgtag	tcctagctac	ttgggcagct	gangtggagg	atctncttga	gcctaggagt	600
tccagactgc	actggcgta	ctgnacttca	gcctgggcga	cagaatgaga	ccctgctntt	660
aaaaaaatat	naaatngact	attttatagt	tgaatgttag	ttagcaagtt	atcatctgag	720
ccttaagtca	aaattaaatc	tttaa				745

<210> 2983
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

<400> 2983

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gnntntttcta atngctnggc tcttggttctt tntgcaggat cccatcgatt cgaattcggc      60
acgaggctgg tgtaggggtt ctttggtttt ggggtttggc anagatgtgt ttaantgctg      120
tggccanaag cggagggagg gggtttggtg gaaattcttt gctatgatgt ctntgtggaa      180
agcggctgtg catacattca attgctatta aaaaaaaaaa aaaaaaanca caaaagataa      240
nnctaataaa anaaatnctc ataaganacn angacctttn aacntntttn nactggtatt      300
nngtaaatcc atccttnanc ananncatnn tnnagttcng accaacaann nntngatnnc      360
cntgnaaaan ntgnttnatn agggaaattc agcgatctat tgnttnatng cgancctttt      420
ntgannccaa taancaggnn aaccacttcc atggntttcg tnaaatnctn aaggntcggn      480
gngaannatt cngagngtct ncaatactcn gncntagagn tattccatgn cccccagnac      540
ctaaatcttt ggccttttaa gcatagggaa tttccccacc nnccttaat gctagccatt      600
ntctgtttca tncncaaatt ttgnacttcc cataaccact tccaaganaa ananttttnc      660
ncggcggaac tntacttggg aaaccctnnc gagttcccta angaagaagn ncctaacccc      720
ccattnaaaa ttgacgtgcc gattttgntc canccgtttt gancaannng gnaacccttc      780
cgac                                          785

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<210> 2984

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 2984

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gcaatgcngt ctttgaatcc cgtttntaaa tccctctggt tgcaggatcc catcgattcg      60
aattccaatt ccacattttc aagaaataag gaggcaaaaa ttttcatata tgaattggaa      120
ttatttggtt tcttattagg ccgagatgcg ccgcgtgcgg ctgctggaga tggcggacgc      180
gatggatatg ttctgccaag ggttggtttg cgcattcaca gttctccgca agaattgatt      240
ggctccaatt cttggagtgg tgaagaaaga aaaaagttga actagatttg gtctgatgca      300
nttacagatt taaaaactgt gccccacccc tcctgcagac accttccact cctcattctt      360
gagggattag ggatggaggt catgcttctg tatcgacttc atgctgacca gggtcactga      420
gtcccctaaa gtgagaggaa tgaaactctt gggcttctga gttcaaatga gttctggggt      480
cacctggagt agcttgaaag gctggtattg gtgtaataca ngctgaangt ggaagtgttg      540
gaacctgaag gacaaacagc tnaccatcca tttaaataaa taagggccca aaagttacca      600
naaccagtgg ccacnaaggg gccccagcag aaggaaanaa accnnggtga aggtgccggn      660
ataatnggac ctcgantgcc tttttaaaat ctcaannngg tttggccccg gggtccaaat      720
gggctttaac gnccttgga atttccagcc nnaaagaaaa aacccccnaa ggccaagggg      780
ggaatccntt aangggcc                                          798

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<210> 2985

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2985

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gcaatgcttg gnnanatnnn aggtctttga tcnatcgnt tgatcnacce catcgnttcg      60
aattcggcac gaggttacct gtgtatgact gaagtacata ttcgttatct gcgtgagaca      120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg      180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc      240

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agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttgta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2986

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2986

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gcaatgcttg gnnanatnnn aggctcttga tencatcgnt tgatcnaccc catcgnttcg 60
aattcggcac gaggttacct gtgtatgact gaagtacata ttogttatct gcgtgagaca 120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg 180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc 240
agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttgta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2987

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2987

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accttggaag gcttgcnata atacctgcat taccctcgca gtnggtagta cangacacca 180
tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
gctggcaaaag actagacata aaacttgact cgatctnagt ncctactgct ncaacttggtg 300
catantcatg ncggctctgc natcaagnta atgcatgagn acccntcact ccatatnntc 360
natancaac ntgttgact gttcanagg ctntntatgg gctaagcaca aacatgctng 420
aaggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
aacctnttag tgggagtaat ctttgtgat catggatgta aacagcnaat ctgggtaata 540
ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600

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cagttttgct tttcaaaata tacctttaag gaaatggctct gggtaangtg gctcacacct      660
gtaatcccac acttttnaana ngcttnangt gggaangttg gctttgaggc taggagttca      720
ngaccagcct gggcaacctt nncaagantg ggctttttaca caacacnntc ccacacacac      780
ncnnactnca nanacacacg cngnccaggn tancattanc nanganttgn nttttttacc      840
cccnncnncn c                                                                851

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<210> 2988

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2988

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tcaatnnnta gggncnggnn tncctntttt ntgggccagg gcantacccc cnattccgcg      60
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accttggaag gcttgcnata atacctgcat tatcctcgca gtnggtagta cangacacca      180
tgatatgtgc cgacatgagt ctttttacag ccacttcat tatatgctat tgtccagcgt      240
gctggcaaag actagacata aaacttgact cgatctnagt ncctactgct nacttgggtg      300
catantcatg nccgctctgc natcaagnta atgcatgagn accntcact ccataatnntc      360
nnatancaac ntgttgact gcttcanagg ctntntatgg gctaagcaca aacatgctng      420
aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg      480
aacctnttag tgggagtaat ctttgtgat catggatgta aacagcnaat ctgggtaata      540
ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact ttntatatt      600
cagttttgct tttcaaaata tacctttaag gaaatggctct gggtaangtg gctcacacct      660
gtaatcccac acttttnaana ngcttnangt gggaangttg gctttgaggc taggagttca      720
ngaccagcct gggcaacctt nncaagantg ggctttttaca caacacnntc ccacacacac      780
ncnnactnca nanacacacg cngnccaggn tancattanc nanganttgn nttttttacc      840
cccnncnncn c                                                                851

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<210> 2989

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2989

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gaanctttga tccctttctn gttctttttg caggatccca tcgattcgaa ttcggcacga      60
gggcaggcac tggagagcca ggggtggttca gnngcagctc ctctgagcag ggagtcaaac      120
agggctgaaa cagacaccag ctctccagga ccagctgctc caggaaatcaa cctctaccct      180
gaaccagggt cctgaggacc accacgtggc tgcaacacag caggagttca cagtccagag      240
gagaagcccc atgctgaaca gagaatcaca tccgtgagca acacaaaagg tctcaatcaa      300
aaacctctga aagccactgg cctagagtta gaggaagagt tagccatgag aaatgggtgt      360
gacacagggt ccaaaagaag aaacaatagg tatcaggctc agagatgaaa gggctagaag      420
gaggacacac cangttcaag gtctggcctt tctcgagggc agtggggagc catgggagga      480
gcctggacct gtggccttcc tgcttcacct gggcctnaac ccgtnacgac cacctggcct      540
ttgagggtgt tctcgtttct catcataaga gctctttcgc tcgtgtngaa ctgggaantg      600
gccgtcattg gctgcgcata cctaaacttg gtcagggcag aatgattgct agtnaccacg      660
tgaagcagga aacccccgga ttaacttgca gaatgagttg gtgangcttg aaataaatgg      720

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tggaacatn gtggcaatct tttta

744

<210> 2990

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 2990

gannnnnttnn	annaatgctn	ggctactngt	tctntntgca	ggatcccatc	gattcgaatt	60
cggcacgaga	acacttacag	cctatatgt	aacttctctc	ctgggatata	gaaagtatca	120
gcctaacatt	gatgtgcaag	agtctatcca	ttttttggag	tctgaattca	gtagaggaat	180
ttcagacaat	tatactct	cccttataac	ttatgcattg	tcatcagtgg	ggagtcctaa	240
agcgaaggaa	gctttgaata	tgctgacttg	gagagcagaa	caagaagggtg	gcatgcaatt	300
ctgggtgtca	tcagagtcca	aactttctga	ctcctggcag	ccacgctccc	tggatattga	360
agttgcagcc	tatgcactgc	tctcacactt	cttacaattt	cagacttctg	agggaatccc	420
aattatgagg	tggttaagca	ggcaaagaaa	tagcttgggt	ggttttgcatt	ctactcagga	480
taccactgtg	gcttttaaagg	ctctgtctga	atttgcagcc	ctaataaatc	agaaaggaca	540
aatatccaag	tgaccgtgac	ggggcctagc	tcaccaagtc	ctgtaaagtt	tctgattgac	600
acacacaacc	gcttacttct	tcagacagca	aaacttgctg	tggtacacca	atggcagtta	660
atatttncgc	aaatgggttt	ggatttgcta	tttggcactc	aatggtggat	ataatgggaa	720
ngcttttggg	ncttttaaaa	nacaaaa				747

<210> 2991

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 2991

ttntttcna	atatcanget	acttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggcatc	ctgtccttgg	gaaccctttc	tcattctcca	agcctgggtca	gctgcctgca	120
caggcagagg	tgccctcagc	ccagggttagc	aacactcata	gttttgccaa	ttaccagtag	180
acactagtgg	aaccatctaa	ctggaaacttc	ctctctcctt	ccacttattt	cctcaaactt	240
gttgctttac	actagacaca	tgcaaatgta	tgtttttaaac	acaccaaacc	agatcatgcc	300
aaatgagttg	cctgtcaaag	gctggagggtc	aggaggagggt	cctgggtttg	ggttctttcc	360
tcccagcctt	tggatgggtgc	cttgggcccc	ttagccccag	cgccagggtcc	tcccagctga	420
ggccacagga	aagcactttt	ttatgatgta	ctaaaagcca	cagtatgtgg	caactgcaaa	480
aggatcagga	atttanggtg	tgatctcggt	cacgtgtccc	gggcgctgag	gggaaaggaa	540
gcgggcatga	ttgtagacaa	tgagggggtt	ctcttgatgt	aatgaaatgc	aattttatgg	600
tttggtgcaa	aaactctatt	ttccagtaaa	tttaactttat	ttctnaagca	tattttggat	660
ttgccatcaa	gaagcaataa	agcattaaat	ctttaaaaaa	aaaaannnnn	nnnnnnnnnn	720
nnnnnnnnnaa	aaaaaacttn	gagccttttt	naactt			756

<210> 2992

<211> 824

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 2992

gcttccttcc	aattacctng	tgggctactg	gtncctnggnt	ntatctgcag	gtatcccatg	60
cgnttcgaat	tcggcacgag	gagactccag	gctgagctgg	ctgaccgacc	caatccccct	120
acccgccctc	tgcccgtga	cccgggtggtg	agaancccga	aggtaacngt	gggggggagag	180
caaaaaaacac	atgaaaaaat	gctcatcatc	actggccatc	agagaaatgc	aaatcaaaac	240
cacaatgaga	taccatctca	caccagttag	aatggcaatc	atagagcttt	tcatttatct	300
gagtgttttc	ctctgcttgt	cgggaacttg	gctttcacga	gctcctgctc	tcatatcagg	360
ggagtgaata	attgaatttg	gatagttttt	tgggttttag	ttggaacact	ccttttctctg	420
tggaacgtct	atagaaaaaa	tgagtcaaac	aganaatatn	caggggaggc	aactctgaat	480
gcttccatgg	ctacatacat	acctgtttct	ttgatttgct	aaaccctaan	ttaaaaggaa	540
agtactgtct	aaaatanggg	agaaaattcc	ctatatattat	acccatcatt	ttgagtnntt	600
tacaattggg	antgggttnn	gtattattaa	attgggtcaaa	aaaagggttn	aaaacaanga	660
cttncnttaa	aattttaagaa	aggggnaaaa	cttttttttt	ttaantggat	tgggaaaata	720
gggggcttta	aataaaaaact	ttnaattntc	cttntaactn	cctttttaan	atttttgnna	780
attanaactt	ttgaactgnt	tcnaanaant	ttgntncatn	tnct		824

<210> 2993
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2993

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cggcacgaga	agaattgtac	gactcttatt	gatgagtga	anttttttct	atagatttga	120
aagtcactac	taatcatgac	tagctgatta	taataattga	gagtaaactt	ttaaaattat	180
taaatatcct	gtgaaaagtg	gagcacagta	accattaacc	ctaaatttga	tactatgtcc	240
atatgaattc	agatcataat	agtgtctctat	catgtgaaac	tactaaagga	tgtatagagt	300
taaatattac	gtatccactt	taatgaagaa	taggtattac	acagtaatgg	ttgtttaaaa	360
aaatTTTTTT	tatataatat	cagagtttac	ctgatgtgct	tgggcatgca	tagntgtcaa	420
caatgatttg	ctagttgtac	agttttgtat	gctgatcaga	attatcanaa	gtttgtaaag	480
catcttntct	tttgattcat	acatgaaaca	aaaacaattc	tgtgtattct	cagtgttctg	540
gataaaaaaa	ttttaagtgc	atatactttn	taggaaatat	gacagatgct	tgtcataata	600
caaaaatatn	ttactttttt	attatgctca	ttnctatggg	gagaggaaac	ntancccgga	660
aggaaggaag	aatanggatt	ggaaaacatt	tggctactta	cctgcaactc	atccntggac	720
aacangccat	gtgcacattt	acacccatgc	cccatatacc	ncatg		765

<210> 2994
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 2994

ctnctntgac	taatgnactg	aacngcaa	at	tccntanna	anccnngcgg	tgcggnctn	60
cagactgtag	aagcagaagg	nnccatnccc	gatgnttngn	ttttgggtgn	aaggaccgnc		120
cnnnntagnc	nctgtccctg	atatgacgcc	gcaatgccng	angaancnca	cccaanacga		180
cangcttgtc	nagataagcn	cgcacaggga	gcangcagna	ctgctgcagn	tgccgcagcc		240
gcanccacct	tacaggganc	tgcaacaaaa	tggaacaaacc	acancanagt	cngaggagaa		300
tggagcccat	acnataccaa	ataaccatac	ngatatgagg	gaagtggatg	gggatgttga		360
aatcccncc	aatnagcag	cctgttannn	gggccatgaa	tctgaaactc	tatcaagngc		420
ctgcancccn	ggtagcganc	tcctagcgnc	atggnctggn	gactcaacan	cangnatatg		480
gaancttaag	cgagaacanc	ancagnngct	ctacanagcc	gtactnagan	atngtatncc		540
acanggangg	cancangtnc	caagcnacaa	ngangtnana	ncngtanacg	ggaannaana		600
anggacactt	ntggccacnc	gggccctatg	angggaancc	ccngaatacg	gactaaagaa		660
ggnaaacctc	ctaaccanct	tangggcaca	ttaaagccct	ttattcnat	taaaaaggna		720
atnccaaagg	aaatttncaa	cccaagcncc	cggccgnngn	naaaat			766

<210> 2995

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2995

cnttttgatt	tcnctttggc	naccnccctc	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggaga	atactttata	cttctcagct	ttttttgtat	ttgactgtga	cctgggtata	120
ccatttgcca	ctgtgaggct	tagctgtgca	tctgtgaatg	ggagattgtt	cttagagatt	180
ggtcatagtt	gtccacctgc	ctcggaaact	gcaggtaaaa	atgcagcagc	aaagtattta	240
cattcttact	tcagggctga	tctcctatct	ctatcagtc	ttttgaaggc	anagaatgtt	300
aatttggaac	aacctgcata	tttattcaaa	tttccagaga	gatgaaactt	tcagaatgct	360
gtgctgcagc	gccccctagt	gccngctgt	actgatagtc	cccagcgtct	cctgaagccg	420
aaagtgggtg	ttcccgcagt	tccggcggga	gagctgtagc	cagcaggttg	tgcaagtga	480
cattagacat	cttttctcct	tctcgccttc	cttgggctga	gatggaggaa	tgtgtcttta	540
ttgctgaagg	caaggtcttt	gtttttcctt	tagcaggaac	actggttttc	ccacttcgnt	600
aacctttgcc	caaggtttct	caactcaagc	cccctgaggc	cgtagtgggc	ttcacacacc	660
tccagaagg	aaactgacca	gcttanccaa	caggctatgc	tttaaggang	aagggctctt	720
tggttcccat	cctgctgggg	gggggg				746

<210> 2996

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2996

tcttctnant	tcnnttggtc	cttgntcttt	ntgcaggatc	ccatcgattc	gcggcacgag	60
cccaggetgg	tcttgaactc	ctcagctttt	acttttagctt	cccagtgtgt	tgggattaca	120
ggcatgagcc	acaataacctg	gccaaagtcct	tttttttaaat	caaatagactt	attaatacac	180
agtttctttg	ccagcttttg	ttttcatttg	ctatcaaaaa	tgttgcttag	tagtgctttg	240
atctgagtta	tcaataacag	gtaaaatgcca	ttatggataa	taattcaaaa	agaagcttat	300

taattattag	gcctatctga	gagtgaagta	aagtttagcat	tttctttttg	tttatttttac	360
ttattgttta	tttgtttaga	gacaggggtct	cgctgtgttg	cccaagttgg	agtgcagtgg	420
tgctgtcata	actcattgca	gtctcaggct	ggagtgatcc	tcccattctca	ccctcctgag	480
taggtgggat	tagcatatgc	caccatgcct	ggctaattct	tttatttttt	aatttttttg	540
tggagatggg	gtcttgccgt	gttcangttg	gtttcaaact	cctgggctca	acggcttggc	600
ctccaaggtg	ctaggattac	aggtgtgagc	taccatgccc	agctgagcat	ttttaaaaaa	660
tactgggctt	tgacatgagt	cgttactatt	ggatctaacc	ttatgactga	tatccctaaa	720
aatattataa	aatttaagg					739

<210> 2997

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 2997

gaagttgtng	atcagctctt	gttctttttg	caggatoccca	tcgattcgaa	ttcggcacga	60
gagcaaccct	agcaatagac	tgactctact	acaaaacaat	ttgggtattt	ctcttactat	120
ttctctatta	tatctgttga	gggaatgtta	tcatgagcac	aggtattagt	cctatgcttt	180
taatcggttt	agtggtttct	ttgtgtctca	ttttattcat	ttgtaatttt	tttaaagact	240
ataaaaacttc	cacagtttct	ttagatcatt	aagttatatg	actctttttc	atgggggtca	300
gttaacaata	cataagaaaa	catttgttct	aggataatat	atgacctaac	agtcttttgt	360
tagacttaga	gatatcaata	tgctttctat	gtttcaggca	tattttatat	tcctggaaat	420
taaacaatat	attttaggac	cccataccat	gtgtctctag	taggacgac	acaaatcagt	480
gatcatattc	tagtgttctt	ttataggaaa	tgtaaaccta	tgtcattaca	ttgttagtac	540
aactgacagt	gaaatattta	aaaaatctnt	gtcagccaac	aataatcata	cttcaaataa	600
gccttatgat	atgtgatatc	acattgggtga	gtgaattttg	gtcaaggcag	tanaatggag	660
tcactaagag	gacagtngga	caagctgtct	gagtttcaat	cccagctntg	gtactcacta	720
ntggngacat	ctttgggcca	atttactt				748

<210> 2998

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 2998

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acgagaccat	gttgcccagt	ctggctctagt	ctgttttaac	aagttgttgc	tgtgtaatga	120
tatatgtgtg	gtgttaattt	gcttgttcct	aagtttaaat	gaggtagagc	attttatgac	180
atgcctgttc	tagtcttttg	cttatttttc	taattgcctt	ttctttttct	taataatttc	240
agttcttcat	atgttcagca	tactagtcc	ttgtcaattt	acatgtattg	aatatatata	300
ctctcccatt	ctgcggctta	ttgttccatt	cttcatgaac	atttgtaatt	ttaatgtcct	360
atttagacct	ttcctctgtc	tattgtttta	tattttgtat	taaaggagtc	attcattact	420
ccaagatcat	gaagattttc	ttgtatgtaa	tcatgtaatc	ttcttaaaag	ctttatggct	480
tttgcttttt	tttttttttt	ttaagagtct	tgttgtgtct	ccaaagctgg	agtgcantgg	540
cacaatcaca	gtcactgca	gcctcagcct	ccctggccca	agtgaccttc	cacctnacct	600
tctgagctgg	gactatagcc	atgcaccacc	atgccagca	aatttttatt	ttttgaagag	660

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ggcntgggccc tccaaaggct nggga 745

<210> 2999
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 2999
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ttcgaattcg gcacgagtct cgatctcctg acctcgtgat ccgccnnccct cggcctcccg 120
gggtgctggg attacaggcg tgagccaccg cgctgggcct ggatcaaatac tttatccatg 180
cacattggaa cacaggatta ctgggtngaa atcatnctag tttgtcatt tagatacttg 240
tagatgaatc tatttttagca canggtataa ataactcggg aggtcatctc tatcttnttt 300
ncttttgtgc atntggctat accacgttta ggtactaaaa cagctttgct tatgttggcc 360
angggaaaac atggnattct gtgcgcaaag ctaatgatch ncagccctgc cttggccctc 420
cccttgnnta tgggtcattgn aagatgcccg catgttaagg ctnannctgt cactgggctg 480
ggtgtaatac ccgatnnatt cctgcngcna ncctctnacc cgaaacatga anggcactgg 540
gctctattga gatctcgata ngatcatcat tntnaactng tnttcnactg agggangtaa 600
acatgatata tgggtgctgg tggattgaga cctcaagcat caattcaaaa gtgctggcaa 660
naatatgcac ttatntnntt ntgcactctg gctaagtgtg ngctctgatg ccantttata 720
agttgggnaca ttctggggaa aaatggtnc a ttttnaa 757

<210> 3000
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 3000
ngctnctnnt cnnngntggct tncgtgctcc tgcangagcc natcgattcn aattcgcaag 60
aggccnacac tcgnattccc cggcccttng cagcnttgga gctctagccg gggccggagn 120
gggagcggcg gggcccttgg agagacgggg ggcgcaaccc ggacgacnct ctgngaccgg 180
ntacggggac tgcgccgtgg gcgcccggn ccaggacgag ctaacagctt tgcttcgcct 240
gacgggtggc accggtgggc nagaagccng ancccgcggn gaaccctngg ggattgagcc 300
gtcgggtctg cangagccac caggnccttt cgttcgggag gccgaccggg ccgggatgag 360
ggagccagag gccaggagg actacttcgg aatcatgctc acatgggtccc ctntgcacgg 420
agccctctgc caagccagat ccttttcttc atncttgga gtctgcagtg gagagaaatc 480
attctataac tgaacagctc gtttgactga tgggaaaact gaagtccan agacgatntc 540
tgggcctacc tgggtttctc tagaaaagta ttttcaagtc tgggtgcttg aaccacctgt 600
gggaentggg gatttttttg aancggnnca attccttaca acacntggna accnnganna 660
accnnttacc cctttggccc ctggtnggtn aannnnnttt tttcttnccc ccaaaccng 720
gnaaaaacct tnaagggcnn ttcttggnaa ttggcccag ggggganccc aattaanctt 780
tttcnnaact ttttttttcc cccaanggtt ttnecccttt taaggggnaa annggggnt 840
ngnccttgan nggttttana 860

<210> 3001

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3001

ngctnctnnt	cnnngntggct	tncgtgctcc	tgcangagcc	natcgattcn	aattcgcacg	60
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gggagcggcg	gggcccttgg	agagacgggg	ggcgcaaccc	ggacgaenct	ctgngaccgg	180
ntacggggac	tgcgccgtgg	gcgcccggn	ccaggacgag	ctaacagctt	tgcttcgcct	240
gacggtgggc	accggtgggc	nagaagccng	ancecgcggn	gaaccctnng	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttccggag	gccgaccggg	cccggatgcg	360
ggagccagag	gccagggagg	actacttcgg	aatcatgtct	acatggtccc	ctntgcacgg	420
agccctctgc	caagccagat	ccttttcttc	atncttgga	gtctgcagtg	gagagaaatc	480
attctataac	tgaacagctc	gtttgactga	tgggaaaact	gaagtcccan	agacgatntc	540
tgggcctacc	tggttttctc	tagaaaagta	ttttcaagtc	tggttgcttg	aaccacctgt	600
gggaentggg	gatttttttg	aancggnnca	attccttaca	acacntggna	accnnganna	660
accnnttacc	cctttggccc	ctggtnggtg	aannnnnttt	tttcttcccc	ccaaacceng	720
gnaaaaacct	tnaagggcnn	ttcctggnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttcccccttt	taaggggnaa	anngggggnt	840
ngnccttgan	nggttttana					860

<210> 3002
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3002

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	ncntcgatn	cgaattcggc	60
acgaggccgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggtacggg	gactgcgccg	tgggcgccc	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacggtg	ggcaccggtg	ggcgagaagc	cggagcccg	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttcg	gaggccgccc	gggcccggat	360
gcgggagcca	gaggccagg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gatccttttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatccta	cacactgnaa	caagagatca	taccttggt	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccggga	ccatatcttt	720
gaattttttc	aaggttcctt	aaggaagngg	gngcctgggg	tnaa		764

<210> 3003
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3003

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	nccntcgatn	cgaattcggc	60
acgaggccgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgccc	tgggcgcccc	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacgggtg	ggcaccggtg	ggcgagaagc	cggagcccg	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgtttccg	gaggccgccc	gggcccggat	360
gcgggagcca	gaggccaggg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gacccctttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatccta	cacactgnaa	caagagatca	taccttggt	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccggga	ccatatcttt	720
gaattttttc	aagggtccct	aaggaagnng	gngcctgggg	tnaa		764

<210> 3004
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3004

nntnctnna	tnntttggct	accggttctt	tntgcaggat	cccatcgatt	cgcagatata	60
gcctagtgtc	cctcagttac	acaatagtgt	ntnccccntt	ggtaggacag	tctactactg	120
agtcctcctg	gcatgagtcg	agctgagatt	aggatagggt	aatgaccctt	cagttttggg	180
gaagggacca	gagctcggcc	agtgagaagc	ttccagctcc	gtctggccat	atccaggctg	240
ctgagggtcc	tgggtctctgt	ccttaaacct	catcactgac	atgaccacgc	aaacctcctc	300
aagaggaaaa	agtccccctg	ggtcaaacac	agcttgtgca	gttctcgggg	acctcctcct	360
gccatcctgg	ggatgctgtg	gagaatggag	atgcacaggg	ggctttgtcc	tctcctctgc	420
cttttgaga	aaatatttca	ctcaaggcaa	acgcagcctg	agggcagcac	aggggacccc	480
aaggctcact	gcgcatttct	agtcgcccc	aaacgcgtgg	gttttcctcc	tggtctcctc	540
gtgggtgcct	ttgctcattc	tcctcctcct	gttctcatnc	agtctgccc	gtctgaccgg	600
cttccancag	catccggcca	aaagtttctn	ccatgacagc	aggaaccacc	tnagacaata	660
catgatggac	angcctgctg	ngttccaata	gaaccccgan	ttaattaanc	ccgaccttcc	720
ttttanctgg	atactggtaa	tgacaggggt	c			751

<210> 3005
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 3005

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gnnnnnnnnnt ntatanatac angctacttg ttctttttgc aggatcccat cgattcgaat      60
tcggcacgag cctcatcagc aagccagtga gaggggtgcct atccgaggat gatattccat      120
cacctntgtc agattctgct tactagtacg nccccaggcc caggccactc gcaaggggag      180
gacattacag gaggcgtgag tatagggtgg gtgatctgtg gggaccgtcg cagaggctgn      240
ccancacaag gggttaaaac ctataaaact tcgaagttgg atttaataat tntcaattac      300
taggaaatag ataaaaacaa attttctgtc cttcacanaa cactaaagta tgtattggat      360
tttntatccc cectgaattt tgctgtgtgn gtgcttccca gttgaagcag taattcaggt      420
tcattaatgt ttacttcaaa gcogaattgg agncttgact nacacagttc aacgctcttt      480
tcagtaacan tntcaaattc ctttacgggt atttnttgcc acataacaca ctatcctaaa      540
atgctggggc ttaaagcagn caccactgtg tttgcttctc atgctgnnga tcagcattta      600
nggctgngct cgngntgggc cgnttttcat gtgaatttag ttcttgggcn ttaacttcgt      660
gtgggggtctn gcccntnggt cttgntgggc naacttggga caattcccag ggggacctt      720
tggaatggn ccttngaaa ttncggaaa ccgtggggnt ttncccaan ccaaantttg      780
nnaaccagg gg                                     792

```

<210> 3006

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3006

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cnentnaact cnnaaacttt ccgcccnenn ngcangaccc atcgatncca attcggnacg      60
agcctgnntc caggagatat gngcgttttn tcagcagtga tnaaaatcnt gggcaggtgt      120
tatngcnctg ttngcntgaa ncacacncac ctacnncngn ggaaacaagc agngtngtgc      180
ttacttgctt tcccaggca gaagtggcca gaggccgggc ngaaaggatc caccaacanc      240
cnccnatnca tgatngcann tgnncnntnn tggnaangnc ancaaaagcn cacttgctgg      300
tgaaggtgcg ngangnnggn nncaaacnct ttnacncgca nnagaaccna atnctttaac      360
gggnacaaat ggggctgctc acgctctgga ccnntccccg gaagactctg aanagnnggc      420
tccntttcgg gttgtgcaact ggtgcttgna gctgccaaac ccnacaaaac tgaaaataca      480
gaatggnttc acgtatanag ncacannnca caantgccgg actacagccc ntganccaat      540
gnaancactt gcncatatta cntgacnctg gannacaaac tntgaaaant actctctgnc      600
ctgggnngcc atnaattctg ccacctgnag atnccccatt attncttaat aacngaaaac      660
agncttgcc tccgatagtt aangcgggtg ccnctaagen ttaacgnttc gcaanattnn      720
tcagatta                                     728

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<210> 3007

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3007

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gangtgetnt ntctttttga ggatcccatc gattcgaatt cggcacgagg agcggggagg      60
cgagcatgag cccccgagcc ggccctgtgg cctcctggat gaggatggga gtgagcccct      120
ccctggggcc agaggggagg tccctggagg cagcgtcac tatggggggc cctcccctga      180
gaagaaggca aaaagtccct ctgggggcag ctcccttgcc aaggggccggg ctagcaagaa      240
acagcagctc ctagccacag cggcccacaa ggattctcag agcatcgccc gcttcttctg      300

```

ccgaaggggtg	gaaagcccag	ctctgctggc	atcagcccca	gaggcagaag	gtgcctgccc	360
ctcctgtgag	ggggttcagg	gacccccgat	ggccccagag	aagtacacag	gggaggaaga	420
tggagccggg	ggacattcgc	ctgccccctc	ccagactgag	gagtgcctca	gggagaggcc	480
aagcacctgc	ccgcccagag	accagggcac	ccctgaagtc	acccaccctt	gcaaaggaca	540
catggaangg	caagcnggct	cgatcccagc	aggagaaccc	agagagccag	cctnaagaag	600
aggcacgccc	cttaaccaaa	cccttcgtcg	tancttgagg	tcaaaggcaa	cgtnttcggn	660
canccgaaac	anggcacctt	gnattccaac	ggnttnaaga	accnttnca	cttttcggt	720
tcttggcgtn	ttccttgaag	gaaggttcaa	an			752

<210> 3008

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (720)

<223> n = A,T,C or G

<400> 3008

gnntcttcga	tcagctcttg	ttctttttgc	aggatcccat	cgattcgtgt	attcagaaga	60
aagcaaggat	agaatgagta	taactcttta	aaatttggag	gcaaaattgg	ctgtgagttg	120
ccatggagat	aggagcaatg	gatgtccaag	gtctgaggaa	atagaaactg	ttcgaaataa	180
ttgcagagaa	agcttgccaa	cggtgataag	taggtttgtc	tagcagcact	gatgcgtcgt	240
ggaagttagt	ggatcatgaac	atacagtgtg	ataacctatc	tgccctcttg	accttttcta	300
gtagtgtat	gtcattttgg	tactaaggta	ggtgaatttt	ccaagtgttc	ttggaaataa	360
ggaaacatca	agaataatgt	aaaagcctca	tatacaataa	tgaataataa	agaataatgt	420
gaaggcttca	ttcaaggttg	gggtttgcca	gatacattgc	aacaaaatga	cagagcagcc	480
aaggatattt	ggatagtggc	caaagtattg	taatgatggc	ttatggagtg	tcagctggat	540
aaagagtga	aatgaataaa	aactaatgga	ttgttcagtc	gaatagcaga	tggtacaatg	600
gtacatggcc	agtagaatag	gggcccaata	aattgaagac	catcagagtg	gagtgataat	660
ccacaagtgg	atgcagggat	cnagccaagt	cgatgacatg	catgttgcta	tgtggacaga	720

<210> 3009

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3009

gnnnnttnna	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aaggaagaaa	atttgggact	ttgttttaaa	agtggaatac	tatcttctta	aacaacttgt	120
gtttaaaaca	agccccaatc	cacacttgat	cttcttaagc	taggaaaagt	gagctcacac	180
tgagtgtcgg	caggatgctc	catgtgcac	attattttgt	ttaattctca	caataactct	240
ctaaatccct	tttgaggata	aggagactgg	ggctgggaga	agttatttca	aggagtaa	300
aaaaaattca	gaccacttg	ggttttatgc	caaaggctct	gtttttacaa	atacacaata	360
ttgttgccca	gttgtgatga	aacataat	atgaatttca	ctgaggggaat	ttcgaaaag	420
gaaagaattt	acttttccct	ctaaagcaga	ggcttttcat	atgcaactgt	taaaagacac	480
acgagcttgt	gggtctgatg	ggtggtctga	gctgttgctg	ttgggagagc	tgctgggaca	540
ctagcaggaa	gacgtagttt	gtgctcantg	gccaaaggatg	gcgccccctg	aaggcaacca	600
gatccggact	acgcagtgtt	ttccaggctg	gaggtgccct	notcaactgt	cttacaagt	660
tcccaaagca	gccacccaaa	tctggctgct	ccttatgccc	aaatggattt	ggcaggaaaa	720

aaggccaatt gggcaancag angcccaa

748

<210> 3010

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3010

gnttctaattg	ctnggctctc	gttctttntg	caggatccca	tcgattcgct	taggggaagg	60
aaatgaaggt	cagctttggg	tatactagt	taagggtgcc	atgagacatt	cagataaaaa	120
ccagccacca	ggcatatgga	gataacagg	ctgaacttag	gagaaaagcc	tgggttgaaa	180
cagagattcg	gatatcctca	gtatgaagg	gatagttgaa	actggggact	ggatgaccga	240
aagagatcac	ccagaacacc	agtacagaga	ggagagagct	gaggatggaa	ttttgggaca	300
taggtgcttc	tacagcacat	ggcaccaacc	tctaataatc	acaccacttg	ctattacatt	360
tgattttttga	aagagtagcc	tgcgcagtaa	tgggaggaaa	ctagattgta	tatgttgatg	420
agcaactaga	aacaaagaag	tgcagggccc	tagttgtaga	ctaattgttt	gaaacatttg	480
gctgtgggct	gggcatgggt	gctcatgcct	atagtcccag	cacttgggga	ggccaaagta	540
gaggatcact	tgaggccaan	agttcaagac	ccctgggcaa	catagcaaag	cccctgtgtc	600
tatttaaata	aattaaatta	aaatanaaat	cagnaaaacc	cacaaggctc	attattcctt	660
ttccaaaaaa	aaggaaaaaa	aaaagttggc	ttgttgaaaa	agnaaagggg	aaaccnaatn	720
gggccaatng	gcttttggaag	aatctttngn	aaatggnttg	naaanacttt	ttgttngggg	780

<210> 3011

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3011

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gattgtcttg	tgttatgggt	cttcagcatt	ggattcagca	gccagcttcc	tagtacgaag	120
gcaacgatta	cctccacagg	gtcccttcca	ttgtctctct	gcacatcttt	cctccaactt	180
gaataaatgt	tctaccacc	tttctccttt	attttctcta	ccccctgtac	cccgtccct	240
ctcacaatta	actctacagc	agaatgtgaa	ttctctgatt	ttagaataac	tattttatgg	300
taacttcaaa	tatatcctag	ttgtatccac	attcagcttg	ggtaggtacc	ttcatagtag	360
ctcatggatt	aattgtccac	tgcacccaat	catagtcatt	tttggtttgg	gttgtcatat	420
gctccccaat	agatgaagaa	gagaataact	cttagccgac	ttcatcagca	ggtagggaga	480
gagtctctga	tggagttata	tttcattatt	cctcacaatt	gcatagtgcc	ctcttacctc	540
aaaaaaaaacc	tttccagggt	ttttcaaagg	aattatttta	ttcctncaca	acaagcctgt	600
gggantcgga	gcaaaaggca	aaagtgatta	cctgagacat	tagataactc	gcaatatcac	660
cctgggttaac	aactgagggg	cccttgggct	ttgancttct	gntttccgaa	tnanggcttt	720
ttcctgncat	cntggcataa	tncaanccat	ggcn			754

<210> 3012

<211> 753

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3012

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cgaggagaaa	gtaaagtccc	tttataatgg	catgtgaacc	agacaattta	gtagccaggg	120
ttgtaaggca	actcttaact	gacaatatag	ttagtatatt	ctgggccttc	atcttcaaaa	180
ttagtaggta	gtattttattg	agtgcataat	atgtgccagg	cctgggtgctg	agtgtttaca	240
atgatcattt	tatatatggg	aaaattgagg	ctcagcaggg	tcaagtgcct	tgtaagaggt	300
agcactagta	agtaacagt	ctcaaattca	actaggtctt	tcagcttttt	atacaataact	360
gcctgttatc	agaaagtata	gtcttaaaat	ctgctatcaa	gcctctatca	gaagcctgat	420
gagaaatatt	cagatgatct	aacgcagttc	ccaaacctgc	attgtggggc	gttttcatta	480
caattaccta	aggtgcttta	aaaattttct	tgggcccctac	tcgttgtggg	tcagcagctg	540
tgtaatggag	caaaaaggaa	tagtcaacta	acagcgaagg	aaagtgggtg	aattattgaa	600
agacctagca	cttacctgct	gggatgagtc	tcttacccca	cagaattgat	ttcaaacaca	660
ggacttattc	aagataagga	taataaccac	tatcttcttg	ggtnggaaaa	aagtacatta	720
gactgngttt	ttaaaaaatt	tggtatgaat	ttc			753

<210> 3013
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3013

gnnnnnnnan	ttntcaagct	acttggtctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagatgac	ttcctagctt	taccgggggt	tttttctgca	ggtggagaag	ggtggagtcc	120
tcccagatgg	ttctttcttt	gtccccctaa	cagcctttta	gatgtggcta	cttggttttc	180
ccaccgttta	acaccctcca	acttcatttg	gagcacgggt	tcctcaaggg	atcctgagag	240
ctgggtgctg	ggtgctgggt	tggagaggca	ggatgatgct	tctccccggt	ggggagagca	300
gagcaggaag	gctgggtggc	gccatgagga	aagagccacg	aggtttttagc	tcccgaaccg	360
actcgtcagt	agccccctct	ccatgttggt	tttacatttt	tcctctctgg	tctggactac	420
tttagcgcaa	ggagcccagc	cagacacggc	agcaggccgc	attgacctgt	ctccatcgga	480
ccccagcccc	tatctccaag	agacagagga	ggggtcanga	ggcactgctc	atctgtacat	540
actgnttcct	atgacattac	tggatttaag	aaaacacat	ggagatgaaa	tgcttttgat	600
tttttttttc	tttttgtact	ttggaaccac	aaaatgaanc	agaacttgac	cctgagctta	660
aataacaaaa	ctgngccaac	tactactggg	gatgccta	atgaatccac	gtgtaaccag	720
ttntaatcct	ttatttttaa	aaaaaaaa				748

<210> 3014
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3014

tntntctnct	gnactntcgg	gaacttcctc	tttgtgcagg	atcccatcga	ttcgaattcg	60
gcacgagggga	agtacaaatt	aagatcacag	tgantttnc	ttatccactt	gtcacaatgg	120
ctaaaataaa	caatagtggc	aataccaagt	cctgtgaagg	atgtggagaa	atggatcact	180
tatacactgc	tggtgggcat	gtaaaatgg	acaaccagtc	tgaaaagcan	tttggcagtt	240
tnttataaaa	gnnaacatgt	aattatatgc	tgaggtctga	atgtcctcca	aaaattcata	300
tgntgacacc	caaaccctca	aggtganggt	tttaggaggg	taggcccttt	gggagattag	360
cttctgagga	tggagcccca	tgaatgggat	tcatgccctt	ataaaaaaga	anccccagga	420
aacgaccttg	cccttcacca	tgtnatcaag	aatgtgcggn	ctatttacga	naganncctt	480
gcncaaacac	tgaatctgac	ggtgccttga	nctcggggct	ttctgggcct	ctnntaacca	540
tgaggaaana	aatctcannt	gntntataac	caacctancc	naaggatanc	cnggtattaa	600
caggccccac	antgngetaa	anatggmcat	attgaacccc	accagttanc	cacctctttg	660
ggccaatttt	atttnccaag	gggaaaatgg	tnaaaattgg	gggnttnatt	acccaaaaaa	720
acccttgtnn	ccnnnnnaaa	angggttcca	ntanccantn	atnnnaaaan	cccntnnngt	780
tnanccccc	aanaaacttt	tggggaaaac	aaannttnnn	aaaaanggtt	tttnt	835

<210> 3015

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3015

gnatgtgnnn	ancagctctt	gaggatccat	cgattcgaat	tnggcacgag	gggcggcctt	60
ggcctcacgc	ttcggggaga	ctcgctgtc	ctcatcgctg	ccgtcattcc	agggagccag	120
gccgcggcgg	ctggcctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	gcagccatgc	180
aggtggtgga	gacacgcgga	ggtggtgacg	gagctgaagg	ctgcnggaga	ggcgggcgcc	240
agcctgcagg	tggtgtcgct	gctgcccagc	tctagactgc	ccagcttggg	ggaccgcggg	300
cccgctctgc	tgggccccag	ggggcttcta	aggagccaga	gggagcatgg	ttgcaagacc	360
ccggcatcca	cgtggggccag	tccccggccc	ctcctnaact	ggagccgaaa	ggcccancag	420
ggcaagactg	gaggctgccc	ccagccctgt	gccccagtga	agccagctcc	gcctcatcct	480
tgaagcaccc	aggggtggccg	tgagggccag	gatccctgca	cgcctcacc	tggtccaac	540
tggcancaag	caccgagcat	gcccttccca	cccaaaggac	cttcnggcaa	tgcttgtnc	600
cgccttatgc	ttggaagctt	gcctnnggca	ccttgccctg	nccatttaaa	gactgggtcan	660
aacctgaaaa	aaaaaaaaan	aaaaacttcg	agaaaaggcc	cnaacattgg	agaatcaaga	720
attntatctt	ggnacttgca	tttgancctc	tttcttaaaa	ttnn		764

<210> 3016

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (772)

<223> n = A,T,C or G

<400> 3016

gttattcttt	cnaaaangnt	gggntactcg	ttctttctnc	aggtagccnn	tcgattcggt	60
tgtaggcaat	ggaaagccac	cagtggtttt	agttgagcag	caatgaaatt	aagcctgtgc	120
tttgcaaaaga	ttaatctanc	agcnacagat	tggaaagcaac	accaccattc	ctggtatcag	180
tccacgtana	atatattaca	gntctntact	ggagcaannn	cagtaatatt	anaaggagaa	240
ataaaaanna	anaatattgc	acaggcagaa	tggggaggtc	ccacngatgg	agctgatctt	300

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ggcnattgan gcatgggtgg cattnatcat gtnaaacaca ggatgaggaa ctgggttngg      360
agtnatggan nagttcantt tacgtaattg caaatacacn ctattccctg actagctncn      420
annacttnat cttncctatc ttcttaganc tt cattatga agaggtgatg atagctctta      480
ngntgagagc tcttacttac cattgactaa tacatgttct cntgatgnaa ntttgntatt      540
ncaacatcca tgctaaangg gggtattnaa acangnnaac tctngggccn gatgaaggnn      600
nancctncat taactnntca tgntgmnact nnatcnaagg ggccaanttg tnnocctaaa      660
tttttgtaaa aatttngcca atgccnaaaa catatnaatn ttcncttgca natgaaaaan      720
tcnogaancc cnatttnntn aaacagaang gttnttgggn ggaccttttt an              772

```

<210> 3017

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3017

```

gaagngetct gttctttttg caggatccct cgattcgaat tcggcacgag gcgccatggt      60
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ggacccaggg ctgaggcagg cccccccctc cctcccgctt cagtggatca tgcccagggc      180
ggcagcggcg gcggttgagg gggggaagtg actgggcggg gccggcgccg gagacgatgc      240
cgtttccagt tacaacacag ggatcacaaac aaacacaacc gncacagaag cactatggca      300
ttactttctc tatcagctta gcagcccca aggagactga ctgcgtactt acacagaaac      360
taattgagac attgaaaccc tttgggggtt ttgaagagga agaggaaactg cagcgagga      420
ttttaatttt gggaaaacta aataacctgg taaaagagtg gatacgagaa atcagtgaac      480
gcaagaatct tccacaatct gtaattgaaa atgttgaggg aaaaattttt acatttggat      540
cttacagatt aggagtgcac acaaaagggtg ctgatattga tgccctgtgt gttgcaccaa      600
gacatgttga tcgaaatgac cttttcacct cattctatga taaagttgaa atttcnggga      660
agaagttaaa ggatttaaga gcttggtgna agangcattt cgtaccnagt tatttaaac      720
tctggtttga tggggattag aagattggat attttgt              757

```

<210> 3018

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3018

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nctatnactg antncnttc nngctgcagg atccctcgat tcgaattcng caccagggga      60
cactggattc tcattctact caaactccca ctaggactgt tggttggttc gcttctcaag      120
tgtttgattt tttctgagtt aatatttttg ggtgtaattt acatgtagga aaatgtacac      180
attttttagt tacagttcac caagcttttg caagcatgta tagcctggta acccacaagc      240
caatggagac ctagaacatt cccgtgacct cagatgctgg gttctgtgtg ccttcccagg      300
gcttggtggc gggcacatca ggcattggcg gtaccatgcc tgacagctct gaaccagttg      360
ggcgacctgg gtctgggagg tgctgagggg ccagcacccc tgcaggcggt tccctttgtc      420
tcatgtagca gtgcagatgt ttggaaagtc acacgtaaat cttgaaaaac tggaaacagg      480
ccangcgtgg tggctcatgt ctgtaatccc agcacttttg gaggccaagg tangaggact      540
gcttgaggcc aggagtttga gaccagcctt tggcagcata gaaagacctt gnctctacag      600
aaaattttta aactagccag gtgtgggggg gttgcatgcc tgtagtccca gcaacttgg      660

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aggctnaagt tggaaggatt gcttgagcct aggaatccaa ggctncaatg agcccatgat 720
 caccaattga ctgc 734

<210> 3019
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3019
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 gcaagatccc tccacctgtc attatggtgc aaaatgtgag cttcaagtat acaaaagatg 120
 ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 180
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 240
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt 300
 tacaagagca gctggactta gatctctcac ctttggagta catgatgaag tgctaccag 360
 agatcaagga gaaggaagaa atgaggaaga tcattgggagc atacgggtctc actgggagggc 420
 cactgtagga ggatcaattg agcctagaag ttcaagacca gcctgggcaa agtagggaga 480
 ccccttctct acaaataagta ataaaatgaa ccggggcata gtagcatgtg cctgcgggtcc 540
 ccagctgtct tgataagaag angtcactt tgaccccagg aagggtgang ctgcagttag 600
 ccataaccgt gcccggttac cacttccaag cccttgattg accaggaacc gaanaccact 660
 tggntctcna aaaaaaaatt naaaaaaaan ttcannaatt ggcttggaaa aaaaanaaat 720
 nnntnnnnnn anaaaaaact ttggggccct tttttnaaac ctnttggggg gaggtccgat 780
 tttaccntaa nantc 795

<210> 3020
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3020
 aanccctttg aaaatccccct ttttgcagga tcccatcgat tcgaattcgg cagagggan 60
 ntnaggccan ganacaaagc agcntttgcc agnangagac actcattggg aggnctaagt 120
 tcncctgtg ctgatacaag catgaactnt ntgggaatnt ctgctantct gaaattacan 180
 cnantngnct ggggttnngn ngacgcntgg caatgggttg nttnacacac nganttacnc 240
 tgaaccncaa cntggacngc acatnacaca catcanactt tcacngngca tctcgaactc 300
 ngggttcacc cgatncngaa accntatgct accaagaagt gcgtgncctc taggcacacc 360
 tcactattgc cgggcaaatt nntgtgantt cggagctttt gcagaancnn gannnetgca 420
 tgaacncaa gctggactca tannaccnga nntcatctga tccgcctgcn ngagctccca 480
 aagggtgng atnatatggg naagccacnc tgcttatcca aggtcaatnt gaaantnnga 540
 ccaacncng ntngatngcc cnnaaggct naacgggnac atgccnntaa tgccaaaaac 600
 ggtaaantc tctcancccg ggaaccgga actggnaaac ttgngccgct ttacccaata 660
 atgnntccga ataacgttnn ancccaaaaa nngggcccca gccntagggg gaancntgga 720
 caagcccaca anttggnaat ggcctnnna aaaaaaatgn tttn 764

<210> 3021
 <211> 810

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3021

ngtctntnac	ttcgtggctc	ctttngaaaa	tccccttttg	cnggatccca	tcgattcgaa	60
ttacaggctt	gagccactgc	accaggccct	aagagctctt	tnctttctta	tcacacagtg	120
aattaaaata	ttttggatct	taactatccc	atattaagcg	atcctttcct	caaatagaaag	180
aaaataactta	attagaacat	atatgtttta	actgatacag	taagttgttt	gtaagcctct	240
agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	300
gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	ttgtgaaatt	tgtgatgcta	360
ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	420
atthttatgtt	tcagggttcag	ggggaggtgt	gggaggtttt	ttaattcgcg	gccgcggcgc	480
caatgcattg	ggcccgggtac	ccagcttttg	ntccctttan	tgaggggttaa	ttgcgcgctt	540
ggcgtaataca	tggncatagc	tggttcctgn	gtgaaaatgn	tatcccggtc	acaattncac	600
acaaacatta	ccgagccggg	gagcnttaaa	agtggtaaaa	gccctggggg	tggccttaaa	660
ggaggtggag	cttaacctca	ccaattaaat	tggcggttgg	ngccttcaaa	ttggccccgc	720
ttttccaant	ccggggnaaa	accctgnnnc	tggccaaant	tgggaatttaa	aggnaaatng	780
ggcccaaang	cccccgggg	gaanaaggct				810

<210> 3022
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3022

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atgtcaaaca	cggccacctt	ggcagcattt	acaagcaaga	gttccactgct	tttttgatgt	120
atatnttaag	cgccccagct	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccanagcang	cagttctgnt	gtatgcctct	ggagaaggct	ggctgaattg	240
naattgggtct	gtaccttctg	tctatcatgt	acatgaggtt	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatacgatca	tcagacaacc	aatancatat	tgatganata	360
tctccaagat	ctanaatnnt	nctgngtgct	aaggaaantct	ttgnggtttt	tacaaatatt	420
gataatgcac	ttntataaaa	atgcactttt	tataaaaatg	catgctcagt	tnagacaact	480
tggnaacacc	ctgaaaagg	ncnngcgtn	tgnngtnacgc	ctgnaatccn	agcncctctgn	540
gaggccgaga	cgggtggatc	acnatgtcag	gaaaatngna	ccatnctggg	taacatggng	600
aaaacnccgt	ctctncttaa	aatncggana	attngcagga	tntgggtgccg	gccncctatn	660
gtnccattta	ctcannaagg	cttgagtnag	gaaaatgggtg	tgaanccctt	gaaanangan	720
nttttcaatn	accgggggatn	ccnaccnttg	aatttnatct	gggga		765

<210> 3023
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3023

gnttntncat	antgaaagcn	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcagatg	gtttttaacg	cctaccaggc	tggggttaga	gcactcaaac	tctccatgaa	120
ggatgtcaca	gtggagaagg	cagagagcct	cgtggatcag	atccaagagc	tctgtgacac	180
ccaggatgaa	gtttctcaga	ctctggctgg	tggggtaaca	aatggcttag	attttgacag	240
tgaagaactg	gagaaggaat	tggacatcct	ccttcaggat	accaccaaag	aacctttgga	300
tctgcctgac	aacccccgca	ataggcattt	taccaacagc	gtgcctaacc	ctaggatctc	360
agatgctgaa	cttgaagctg	aacttgagaa	actgtcctta	tcagagggag	gtttgggtccc	420
aagcagtaaa	tctccaaaaa	ggcaattgga	accgactcta	aagccattgt	aggaccctca	480
agtgaaggac	cctcatgtaa	aagagagacc	aggcctgctg	ggtgtgtaca	tagntattta	540
aacaagaaac	tctcagaatg	tgtttggaag	angagaaagg	agaaccactg	attttatctg	600
gatgctacta	cttactacag	gacagatnga	atttcttgga	accgatgctt	caaangcttg	660
gttcccactg	natcatggac	ctgccttnn	atctttatag	gggccnccaa	tttatacagt	720
cctgtggctg	acctgncatt	tcatanccctg	cagttct			757

<210> 3024

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3024

ntaatccaan	aaccttggtg	aagcctttgn	annnccnate	ggcaggaccc	atcgattcga	60
attcggcacg	aggaccacag	tagaccagct	caagagttca	tggtctttgt	catcctcctg	120
tgagctctct	gtaagtctct	ttcttgccca	tcaccacatc	cctagtactg	ggtatcagtc	180
tggccacttg	gctttctggt	ttgccccaat	gtggtctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagttact	atccttgtea	aaacccccag	taactgcaa	300
tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	ataaactggc	cactgcctat	360
gcagcaacct	catctttacc	gtttcctgcc	ttgctcactc	ccttccagcg	ccgttattct	420
tcttgatgcc	cctagtacac	aacaactnct	tctgtctcca	agagtaggaa	aattactgnt	480
ctctctgcc	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gcctttttaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctt	gaatgcccat	tccccacttc	atagcactta	ttgctatctg	aaattcacta	660
aatgncacct	tcatganggt	aggcaattta	atgncttgge	actggatatgt	ctanagacaa	720
gcactggcta	tagtaggcac	tcaacaaata	tt			752

<210> 3025

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3025

nctctactca	gattgcttgg	cgntctntnt	gcaggatccc	atcgattcga	attcggcacg	60
agccccactc	ggggtatgtg	aatgcccagc	tggagaagga	agtgcccatc	ttcacaaaagc	120

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agcgcattga cttcaccctt tccgagcgca ttaccagtct tgtcgtctcc agcaatcagc 180
tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaattgagc 240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
atactggctc tcacctgctg attgccctga gcagcacgga ggtcctctac gtgaaccac 360
ttgagaagge tgccctctag gctctgctca gtcactctgc aattgccaca ctgtgaccac 420
gttgacggga gtagagtagc gctgttgccc aggaggtgtc aggtgtgagt gtattctgcc 480
agcttttcat gctgttcttc agagctgcag ttatgccaga ccatcagcct gcctcccagt 540
agaggccctt cacctggaga aagtcagaaa tctgacccaa ttcacccctt gcctctagca 600
cctcttctgt cctgtcattc ccacacacgt tctgttcac ctcgagagag agagagagag 660
agcaccttct tttcgtctgn tcacttttgc gggctntgga atnccagctc ttctctntca 720
gaagaagcct tctcttctc tgcttctgag gtgtncctaa agt 763

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<210> 3026

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(933)

<223> n = A,T,C or G

<400> 3026

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ntatcnttat acgtctctaa aancnttggc tactngttct ttntgcagga tcccatcgat 60
tcgaattcgg cagcaggctg ccaccacccc cgggccccagc ctgtctgaaa gttcagggtt 120
taggccgaaa aaccgggtgg ggagggggtg ggagccggag ctctgtggcg gggctggagg 180
gctgggggtgc acttttagttt ggggcggggac gggagccgcc gttgtgactg gcgtgggtctg 240
gctgctgctc ccgaacggag gggtcagnnt tggtctgctg ggccctcaga gccagtgagg 300
tggtctgac tcggctccct actccctgca cccagctggg cgcaccttgg ggctgcggt 360
ctgaatgtat cctccctctn agttttaacc tgagctgccg aacgcacagt gggcncgggg 420
gcnaagctgt gnggaaaccg gggccaatt acggatcccn ggaagttaca ggtgccnacg 480
tgatgtcnet ttntcttggg gcccaactta ccttacttgg tcttgaanac ttagcttctt 540
nggggggtag gcccgngggc ccnccaaaa aanncntggn nnccccgnt ttccaaccn 600
ttggccccgg tggccttgnt ttganttatt gangccccctg gntttggncc aaataaanc 660
ccccctgggt tntggggggg aaaggnaatt tttngggccc caaccnccn tttggaaaaa 720
aancccccgg gaangggnaa aaaaccgggg ncnntttnt tgcccccttg ggggtttttt 780
nccngggaaa aaaaaccccc nnttttaatt ggggntttt ggggtccccg ttccaanaa 840
aacaccctt gggtttnaaa agggggggga attgngccn ttnaaacccg ggcccaaaanc 900
cnntaagnaa tttccnaac ccgctttnaa nnn 933

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<210> 3027

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3027

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nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc 60
catcgattcg aattcggcac gaggaccagc gtagaccagc tcaagagttc atgttctttg 120
tcactctcct gtgagctctc tgtaagtctc tntcttggcc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgccccaa tgtggtctat tcttgatgca 240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgtc aaaaccccc 300

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gtaactgcca atctcactta gaataaaaatc cggactcctg tgaagcacag nataaactgg 360
cactgcctat gcagcaacct catctttacc gtttctgcct tgctcactcc cttcagcgcc 420
gggtattcttc ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa 480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat 540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta 600
ctcantttcc agtccttgaa tggccattcc ccactttcat agccacttaa ttgctatctg 660
aaattacact taaaatgggc accttcatga tgggaaggca attaatggc tttgtcactg 720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt 773

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<210> 3028

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 3028

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nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc 60
catcgattcg aattcggcac gaggaccag gtagaccagc tcaagagttc atgttctttg 120
tcatcctcct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgccccaa tgtgggtctat tcttgatgca 240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgtc aaaacccccca 300
gtaactgcca atctcactta gaataaaaatc cggactcctg tgaagcacag nataaactgg 360
cactgcctat gcagcaacct catctttacc gtttctgcct tgctcactcc cttcagcgcc 420
gggtattcttc ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa 480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat 540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta 600
ctcantttcc agtccttgaa tggccattcc ccactttcat agccacttaa ttgctatctg 660
aaattacact taaaatgggc accttcatga tgggaaggca attaatggc tttgtcactg 720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt 773

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<210> 3029

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 3029

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nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc 60
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tcatcctcct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgccccaa tgtgggtctat tcttgatgca 240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgtc aaaacccccca 300
gtaactgcca atctcactta gaataaaaatc cggactcctg tgaagcacag nataaactgg 360
cactgcctat gcagcaacct catctttacc gtttctgcct tgctcactcc cttcagcgcc 420
gggtattcttc ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa 480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat 540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta 600
ctcantttcc agtccttgaa tggccattcc ccactttcat agccacttaa ttgctatctg 660

```

```

aaattacact taaaatgggtc accttcatga tgggaaggca attaattgcc tttgtcactg 720
gtatgtctag agaacaagca gnttgggtca tagtaggcac tcaacaaaaa ttt 773

```

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<210> 3030
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

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<400> 3030
ngttnnnntt gtncntntntc tctgaaanct tttgggtact tgttcttttt gcaggatccc 60
atcgattcga attcggcacg aggtagggtg aaagcctggt cagctattct gcaagacagt 120
caaaaattgt ttacaggggt ggacagcata ttgctattga aaaatagcta ttaggagacc 180
ttgcacaatt tgtgaaacat tgttaggctc attgtactgt gtaaaatcag gaaagaattt 240
gggaacatac tgatacaaca aaaagatagg ttgtcaaacc ctcaactnac cagaaagcta 300
aattaaccag ataagtcttt ctgaaagttt tagtgtctta gtttgttcct gcgctgtaac 360
agaatacctt agactgggta acctataaat aataggaatt tatttctcac agttttggag 420
gctggcaaat gcaagatcca ggtgctggta cgttcagtgt ctggcaaggg cggctttctg 480
gtccaagatg gtgccttttt ttctgcatct tccataggga atgaacactc cttatggtag 540
aagggatgga aggaccaggc tttttttttt ttttgatcac agcaggatct tgctctgtcg 600
cccagcctgg aatgcaatgg ctgattaagg tcaactgnac ctcaatctcc cacttttcag 660
cgatcatcca ccttancttc ttggatagct gggaccgcag cacanctaca tgccctgntta 720
attattttgt aaaaccgggt ttncgtgtgcc n 751

```

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<210> 3031
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 3031
ntaatccaan aaccttgttg aagcctttgn annnccnctc ggcaggaccc atcgattcga 60
attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg 120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc 180
tggccacttg gctttctggg ttgccccaat gtggtctatt cttgatgcag ctaccaaagt 240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgccaa 300
tctcacttag aataaaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat 360
gcagcaacct catctttacc gtttcctgcc ttgtcactc ccttccagcg ccgttattct 420
tcctgatgcc cctagtacac aacaactnct tcctgctcca agagtaggaa aattactgnt 480
ctctctgcca gtgagattcc tcttctggta ttacctttgc ttcatgtctg aatcttctcc 540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt 600
tccagtcctt gaatgcccat tccccacttc atagcactta ttgctatctg aaattcacta 660
aatgnacact tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa 720
gcactggcta tagtaggcac tcaacaaata tt 752

```

```

<210> 3032
<211> 768
<212> DNA

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3032

tnngttnnnn	ttgttatncn	ctnngaaacc	nttggctact	ngntctttct	gcaggatccc	60
atcgattcga	attcggcacg	agacctgagc	taggggttgc	gcagaaaatt	gagttgcagc	120
ttgcccttgt	ccagacctat	tttctgcttg	cgtttttgaa	acaggagggtg	cacgtaccac	180
ccaattatct	atggcagcat	gcatgtatag	gccgaactat	tatcagctct	gatgtttcag	240
agagaagacc	tcagaaaaccg	aaagaaaacc	accacctcc	tattgtgtct	gaagtttcac	300
gtgtgtttat	gaaatcta	gggaaatgga	tcacacgatt	tctttaaggg	aattaaaaaa	360
aataaaagaa	ttacggcttt	tacagcaaca	atacgattat	cttataggaa	aaaaaaaaatc	420
attgtaaagt	atcaagacaa	tacgagtaaa	tgaaaaggct	gttaaagtag	atgacatcat	480
gtgttagcct	gttcctaata	ccctagaatt	gtaatgtgtg	ggatataaat	tagtttttat	540
tattctctta	aaaatcaaag	atgatctcta	tcactttgcc	acctgtttga	tgtgcantgg	600
aaactggtta	agccagttgt	tcactctctg	ttccaaatnt	aaaggatagc	tggttaggat	660
attttggta	tatttgtaaa	tttttgaaat	gcttagtaat	gtgttttcac	cacaagtatt	720
tgttgcaaac	ttaatgncat	ttccttaana	agggtacagc	tatgtaat		768

<210> 3033

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3033

cacngaateg	atntnacctt	tggttcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atnecgcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcatectcct	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttnctgg	attgccccaa	tgtgggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtnnc	tatnctngtc	anaacccccca	300
gtaactgcc	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgacgaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gcnttgatt	cttctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgcctntnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
gggnatggca	aatattattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncntca	acccaaatnt	tct		823

<210> 3034

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3034

cacngaatcg	atntnacctt	tgttcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntggttctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttnctgg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtunc	tatnctngtc	anaacccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gcctntgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncctca	accaaaatnt	tct		823

<210> 3035

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3035

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tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntggttctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttnctgg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtunc	tatnctngtc	anaacccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gcctntgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncctca	accaaaatnt	tct		823

<210> 3036

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3036

ncgttgnnnn	ttctntgatt	ccttgntga	ngctctttct	gcaggatccc	atcgattcga	60
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attcggcagc agggcagcta gagtcaggaa aatgaccctc atatgctttt aatctttgtt 120
tcagttgtct gtcaggggtg aattaagaag ctactggttt attcccaatt gttgatgcct 180
ttaggtatgt tggaatcttt ttttttgctt aggagggggc agttgaaaat ctgtgactca 240
agaggcagtg aacagaatac tgttttctgg ggaaaaattg gttggctact tgatgttaat 300
tatggcacag taacaggaaa aggttggtgc tgtgttttta agtttttctt tattctgctt 360
ttttgctgct ataagagttt tctgaaattt atattttaaa cttttcatgc actttactgt 420
ttctagtctc aaaatgtgat atttttaata aacaagaaat tttccattat gtgaatgaaa 480
ttttaaaaga caatagccta tatttgtgtc tcactaatat ataaagtata ggtcaaattt 540
aaattattta attagtttta aatatcacia tttgtctcct ctttcaaacc tgacatcttc 600
gggctgtttt attagtctaa atgatgcatt taactttgtc attttatgct aattctttca 660
tagtaaataa tcaggctata taaggtaata tttccccana nggtaatttt aatgggacna 720
ngggttggtg gatgatgtca tatcatatcat ggggattgcc 760

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<210> 3037

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3037

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ggcacgaggt gatctgcctg ccttggtctc ccaaagtgtc gggaatacag gcatgagcca 120
ccgcactcgg ccaggagcta gttttatcag catcctgtct cactgccttc ctctagtcca 180
gcctggaaga catggcagcg ggtagctcct ggggctgagc cagaagcatc actgcagtga 240
aagtctctgc ttacctgtct ggctcagctt gggcaagggc tgggccatat gtgctcaggg 300
acgtgcttct cttgtaaggc aggaggatag aagaggacca agaaggaggagg gagctgcctt 360
gtggtgcaca caggcctgcc atggggcgtg ggagcccatc ccgctgcctg accggagctg 420
gctgctgtgg tggactcagg aaccactttt aatactgcaa ctgctccctt ttgcccagtc 480
agggaaagct gactgtaagt cccacctncc cctnctgcca cccttctagt ggtttctctg 540
agaggtttct ctgcttcagc tgtgcttgaa gtggcatgcc tnetctgctg canggctccc 600
ccaacccccca cacggnctta aagatgttaa tttccttata gactggatta aagtcagcca 660
ttctttttcc tcaaaaaaaaa aaaaaaaaaa cttgagcctn tanaactata tgagtcgtat 720
tacgtagatc cagacntgat aagatncatt gtgagtttgg acnt 764

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<210> 3038

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3038

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gatcccatcg attcgaattc ggcacgagat tggggactga catcttaagc tctcacctgg 120
ctgcagtang aaaggccaaa ctgacgacaa aaaaaaaatt ctttataaag atgatatggt 180
aacatgtatc tttgccctgg gtctgggtgg gtccagtcag tctcagattt acaagcattt 240
aggagcctag gtaaaaagctg ctagtattct tttaaaagtt atatttatga cttgcaatga 300
tagaaaactc cttccaatta aatggcattt tataatatta tgtgtgtact tcacagtgtt 360
aaaaatacc ccatagctta ttgcatttga tcttcacaga aagtgcattt taaccagtac 420

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tctgggtgca	ataaataata	tgtagaaatt	taagtcctcc	aattccagca	tatccagtga	480
gttttgacag	tgtgtttatg	tggaatgttt	aaggatatac	aattgtactt	tatataaatt	540
ggttcttggt	cttcttaa	gtgacatgaa	ataattgngc	tgctacatta	tactggaaat	600
taacagggga	aaaggggaaga	gcttcttggt	tcccttgagg	tctgctantg	gggtgttaggg	660
agtgggttaca	actgaacttt	tantaacccat	ttaaccgtat	gtaaacttgg	tttctaatta	720
aaaaaaattc	ctttttccaa	aaaaaaanaa	nntnaccccn	ntttttantc	nnnnnnanct	780
nanannt						787

<210> 3039

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3039

ntaatccaan	aaccttggtg	aagcctttgn	annnccnato	ggcaggaccc	atcgattcga	60
attcggcacg	aggacccagg	tagaccagct	caagagttca	tgttctttgt	catcctcctg	120
tgagctctct	gtaagtctct	ttcttgccca	tcaccacatc	cctagtactg	ggatatcagtc	180
tggccacttg	gctttctggt	ttgccccaat	gtggtctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagttact	atccttgtea	aaacccccag	taactgccaa	300
tctcacttag	aataaaaatcc	ggactcctgt	gaagcacagc	ataaactggc	cactgcctat	360
gcagcaacct	catctttacc	gtttcctgcc	ttgctcactc	ccttcacagc	ccgttattct	420
tcctgatgcc	cctagtacac	aacaactnct	tcctgtccca	agagtaggaa	aattactgnt	480
ctctctgcca	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gcctttttaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctt	gaatgcccac	tccccacttc	atagcactta	ttgctatctg	aaattcacta	660
aatgncacct	tcatganggt	aggcaattta	atgncttggc	actgggatgt	ctanagacaa	720
gcactgggcta	tagtaggcac	tcaacaaata	tt			752

<210> 3040

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3040

tnnnaatcnc	nnnaagcett	tgttnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcgtaggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactggggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgetgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnetga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccgggtta	ggctagggct	tgetgcaacc	gaagtcccct	ctttggtntt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	ccaanaact	tnnaagnctt	720

ttggccccaa tttccnantt tttgaaanaa ggnaggnccg centncttta nngggcttcc 780
 aaaccttggg cttaganccc nggctttttt t 811

<210> 3041
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3041
 nggnttcnnt ctaactnaaa cngttnggna actcncctct ntctgtngat cccatcgatt 60
 cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat 120
 gtttgtatat actgtattct agccagaata attttagatc tgatcaggta gtagctaaaa 180
 ttagaaaaaa acaaaataga tgcttaaaga atttgcatcc atttttgagt ctaaatcttt 240
 taaaatatac tgagatccac atctagttaa atgtcagtggt caaaatatta tagattatag 300
 ctaaaatcca gattaatact catttggggt tttttatagt ggaacttcat agtaatacaa 360
 aaagcagatt gtcttcctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc 420
 agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt 480
 caacacattg attgaacact ctggcaaaga tgctgtgggt gatgangttg gagttcgaaa 540
 agaagaagca agcgtggtcc tgccttgaaa gaaccgaaa gtctttccca ttcacttctc 600
 tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt 660
 ctgntctent agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt 720
 gtggaattca acatcttggg tgggaacncat tggcttt 757

<210> 3042
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3042
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 gccccactcg gggatatgtga atgcccnttt tgantaagga agtgcccatc ttcacaaagn 120
 agcgcattga cttcaccctt tccgagcgca ttaccagtct tgcgtctcc agcaatcagc 180
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 ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
 atactggctc tcacctgctg attgccctga gcagcacgga ngtcctctac gggaaaccac 360
 ttgagaaggc tgctctctag gctctgctca gtcattctgc aattgccaca ctgtgaccac 420
 gntgacggga gtagagtagc gctgtnggcc angagggtgc aagtgtgagt gaattctgcc 480
 agcttctcat gctgnnttca nanctgcagt tatgccagac catcagcctg cctncagnag 540
 aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gnetcnagca 600
 cctcttctgn cctgggcatt cccccacna cgnnctgggt tnaccctcga gaagagaaga 660
 nanaagagaa gcaccctnnc tttccgactg gtaaanntct ggcgggcctt ttggaaancc 720
 canctcctnt tntctcagaa ggaagcnnnt nttcttccct cctggntgta aaggtgtnc 780
 aaaaaanc 788

<210> 3043
 <211> 788

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3043

gnnacantga	acggaaagtc	ccnatecntg	naggatccca	tcgatnngaa	ttcngcacga	60
gccccactcg	gggtatgtga	atgcccnttt	tgantaagga	agtgcccatc	ttcacaaagn	120
agcgcatgga	cttcacccct	tccgagcgca	ttaccagtct	tgncgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaattgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ngtcctctac	gggaacccac	360
ttgagaaggc	tgcctcctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gntgacggga	gtagagtagc	gctgtnggcc	angaggtgtc	aagtgtgagt	gaattctgcc	480
agcttctcat	gctgnnttca	nanctgcagt	tatgccagac	catcagcctg	cctncagnag	540
aggcccttca	cctgggagaag	tcagaaatct	gacccaatth	ccaccccttg	gnctcnagca	600
cctcttctgn	ccctggcatt	ccccacnca	cgnnctgtgt	tnaccctcga	gaagagaaga	660
nanaagagaa	gcacccctnn	tttccgactg	gtaaanntct	ggcgggcctt	ttggaaancc	720
canctcctnt	tntctcagaa	ggaagccnnt	nttcttccct	cctgggctga	aaggtgtnc	780
aaaaaanc						788

<210> 3044
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3044

gngacctann	gntngaaacg	cnctctctgc	aggatcccat	cgatttcgaat	tcggcacgag	60
gtttcattta	agaagaatga	gctagataaa	tgtgctcttc	tggttacccc	accctgacng	120
agtgcatttt	tacacggnta	gcaggggttg	agactgcagc	ctggcctgcc	agccattgga	180
ggtgtttaag	gaagggcaga	taatgtgact	ctttgcgggg	tgccatctgc	ttacccatta	240
ncgagcagag	gggtntntng	cgggtgaccc	cnagcatatn	tctaggttac	ttatgggcag	300
atttgtaagt	gacaatactc	cagctgatgc	tgggaatggg	gagagggccc	ttgagggact	360
ttgtgntncn	gtgcttctgg	tttcttgccc	aacccccagg	gtcaacttng	tcttggtatc	420
ccaancttgg	gcactaatgt	ctgncacctg	actatgtnaa	antgtntaaa	tgattcctct	480
antttnggna	tgagatcttc	caatccanag	gaancccnnc	tttggacttg	ccttgggtta	540
aatcttgcac	ancntaaagt	ggttngatga	agttcatctg	aagaaattta	nggcccacn	600
tncnaancct	tnccccatct	ntgcttccct	tttgaaactt	ggcttctggg	gaaactcnng	660
ccagaagtnc	ttgnggacac	cannccnttt	tngggggntc	tcaaggncgt	ttccnttngg	720
nctgtnnccc	aaagncnnaa	nngantcnng	tngcntnnat	tnngaaggaa	ttntctggntn	780
cctangttgn	ntnnattncn	aaac				804

<210> 3045
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3045

cngtctaaac	cnttggctac	ttgctctttn	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaggag	aatcacttga	accctgnagg	tggcgggtgc	agtgagcnca	gatcatgcc	120
ctgcactcca	gcctgggcaa	caaaacgaga	cttcgtctca	aaaaaaaaaa	acntagaatt	180
tggatccttt	ggtcgggttc	tcccaaattc	ttttgaggtg	tccatggtca	actgcttcag	240
ctttgttttg	gcaaccccc	gcccgaagtc	gcatataggc	tgttcttcac	cttgtttcca	300
aggctgagga	acagaaagta	gcctctgttt	tgaggaggtg	gaagttaagt	atacatttat	360
tttttactgt	gacttgtcag	gaccacattt	tacaaaatgc	cttgtttcct	tcattgnttc	420
tggaaaagga	aagttctatt	aatattgntt	tactttgaat	atagaatagt	ttttttaatt	480
agggtctatt	ttgaaaaatc	tgagttaa	tcaaagtgtt	gccaatacct	tccaaagtaa	540
ggtaatatcc	agagacagtt	gttgtgaaca	agatggctta	aaagaaattc	ttggaatatt	600
cacattcnaa	agattcctta	ttaatgaatg	tctttgcctt	aaaatctaac	caaaaaactg	660
cacatttata	ctttgggcat	ttttcattat	atagnngtaa	caagctttag	ntgccaacca	720
aattaaaatc	cttaagcttt	ttaaaaaaa	aaaaaaaaa	actcgngccc	tttt	774

<210> 3046
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3046

cttnnnttgt	ncntntntctt	tcaaatoctt	nggctacttg	ttcttttttgc	aggatcccat	60
cgattcggga	agaggatgac	tgggtatgct	gtgccaccct	tgagggccat	gaatccactg	120
tgtggagctt	ggcctttgac	cagagtggcc	agcgcctggc	gtctttagt	gatgaccgta	180
ctgtgcgtat	ctggcgtcag	tatctaccag	gcaatgaaca	aggggtggca	tgcagcggct	240
ctgaccccag	ttggaaatgt	atctgtactt	tgtccggcct	ccactcaagg	accatttatg	300
acattgcttg	gtgtcagctg	acaggggctc	tggccacagc	ttgtggggat	gacgcgatcc	360
gcgtgtttca	ggaggatccc	aactcggatc	cacagcagcc	cacctctctc	ctgacagccc	420
acttgcac	ggccattcc	caggatgtca	actgtgtggc	ctggaacccc	aaggagccag	480
ggctactggc	ctcctgcagt	gatgatgggg	aggtggcctt	ctggaagtat	cagcggcctg	540
aaggcctctt	gagctacctc	gactttggac	agagtaata	ctccccagaa	aacgtcatat	600
aagaanttta	ccaaccctg	aangaccaag	aaggagccat	tcctttgacc	ttcatttaac	660
ttgggctcac	tttttcttta	aaactttggg	tagaaaaatg	agagccccag	aattgctttt	720
ccttcccgc	ttttgacatg	aaggccttaa	gtaaaagaac	ttccngaaca	ttaaaaaaa	779

<210> 3047
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3047

tnctttgatg	ccattgctct	tgttcttnt	gcaggatccc	atcgattcgg	cttgccctta	60
------------	------------	-----------	------------	------------	------------	----

cacacggaat	cgtgtgcat	ccgacagagg	ctgattggca	catggggcac	ggggattgtc	120
agctcaaaca	ccgtcagcag	cgttgccctt	ggaaatggga	tttcccagaa	cagtaaacgt	180
gtctgtcctt	gatttacaga	gtagctacat	tcctaggaaa	tccagggtac	attaaaactc	240
accatgttac	ccaggctggg	ctcaaactcc	aggcctcaag	caatcctcct	cctgtctcca	300
cacagacggc	ttctgcagg	ttggtaatct	acagtacact	ccttgcagg	aaaagggtgat	360
gagtcacat	ggacttattt	gaccactttt	tatgcatgct	tagaggaaaa	cagaatactg	420
ttaagagatt	catctgctag	ttattaagta	aagaaatata	acaataggcc	gggcgcagtg	480
gctcacacct	gtaatcccag	cattttggga	ggccaagggt	ggccggatca	cctgaggtca	540
ngagttcgag	accagcctac	caacatgggt	aaaccccgtc	ttntactaaa	attatnaaaa	600
attagcccgg	tgtagtgggt	ccacgcctgt	agtcccagtt	actttgggaa	gcttaagcat	660
taagaattgc	tttgaaccca	ggaagttgga	ngttggangt	gaacccnaaa	tgtgccctgn	720
acttcancct	ggaacagant	gagacacttg	tncncaaaaa	aaaaaat		767

<210> 3048

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3048

ttngncgact	nnanctntac	annaatcctt	tggttacttg	ccngcaggat	cccatcgatt	60
cgaattcggc	acgaggcagg	gagttgcttg	gggtggccgt	aacnccaggc	tactcttatt	120
ttagcttgct	aagttgagat	cagctagacc	tgctttcttt	tctcctcagt	cttgcatttc	180
cctcaataca	agctgtagcc	tctttcctcg	tttctagtct	cagaaggaag	gagaggggaag	240
ccattctcct	ctagggactc	ttcagttctc	tttagatgat	agtccctttt	tttctacctc	300
catattagag	atggagctcc	ttccttttcc	tgtttcttaa	tttttgtctt	ctcattcctg	360
cttcctctct	accctattgc	cagttccacc	aactagagtg	aaagacttcc	tagccatttc	420
attaaatcta	ttctgtatcc	accaggtggc	agcatcttgt	catacgtgtc	aggacttagg	480
actgcggggg	ttaggttana	tgtcacggaa	aaagctagtt	ctgtgggtcag	gcggcaccaa	540
tgagaaagga	atgcagaccc	ttcagatgta	tccttgggaa	aagcagtaaa	ccaactaata	600
tttattgaag	gacctacttt	gtccttacat	aggggnanctt	ctgtcaggga	atcntggggt	660
cttnccaaga	aacactgatt	ttctttcang	gagacttcat	ggggtcattt	atttccccac	720
agcagaattt	aagaaattat	tatatggaat	attggatatc	tataaagagc		770

<210> 3049

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3049

gcngnctacn	gaaacccttg	gctactngnt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	aaccatgaga	accgaagcta	gaattgctat	tgaattactt	tattttctct	120
tcccttattg	ggtagagata	catcattact	ggcctcaggg	gtttacccaa	agaaagggta	180
tttttgagca	aataatgtga	tttcttggtt	attttgttgg	gggcttaaga	tttttttttt	240
tcaaattgcat	tttttagtcac	taaaaattaa	ctgtcgtacc	atctagaact	atactgtcca	300
gtaccatagc	ctctagccgt	atgtagctat	ttgtattaag	attaattgaa	attttaaatc	360
cagttcctca	gtcacactag	ccactttcta	agtgtcaggt	agctctgtgt	gaccagcggc	420

tactgtattg	gatattatag	aagggttcttt	cattcaagat	catcattctt	gacagaccca	480
taaataatttc	ctataaagac	tgtagaagtg	tgttctggaa	gggtttgctc	tccaaaaaga	540
attgtaatat	agagtagaat	tgggatagag	tattgaagac	actgggttta	gacattggat	600
attttaatga	ttgngtgttc	taattcatgt	gctgccactg	agttatctag	tgatatgacc	660
tcactgcttg	accaaaagcc	cggaatagaa	ggcaggattc	ctggaatcta	tcttaaaaat	720
ttgcaatgga	anaacctttt	ccctaaatta	tcccattatg	gtaan		765

<210> 3050

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3050

gnnnnnnntt	tnaaacctt	ggctactngt	tctttttgca	ggatcccatc	gattcgaaatt	60
cggcacgagg	ctagactcaa	gctgtctgga	gagtgtgaaa	caaaagtgtg	tgaagagttg	120
taactgtgtg	actgagcttg	atggccaagt	tgaaaatctt	catttggatc	tgtgctgcct	180
tgctggtaac	caggaagacc	ttagtaagga	ctctctaggt	cctaccaaatt	caagcaaaat	240
tgaaggagct	ggtaccagta	tctcagagcc	tccgnctcct	atcagtcctg	atgcttcaga	300
aagctgtgga	acgctacctc	ttncctttgag	accttgtgga	gaagggctctg	aaatggtagg	360
caaagagaat	agttccccag	agaataaaaa	ctggttgttg	gccatggcag	ccaaacngaa	420
ngctgagaat	ccatctccac	gaagtccgtc	atcccagaca	cccaattcca	ggagacagag	480
cggaaagaca	ttgncaagcc	cggcaccatc	acgccagct	tcattgaggaa	aatctgcaca	540
tacttccata	naaagtccca	ggangacttt	ctgtggctct	gaacactcaa	ccagaattat	600
angattctaa	tctgagttga	gttactgagc	ttttggctcc	acttaaaaca	aagcttgaag	660
cttntggtn	cacttaaaaa	ccanggaatg	aaaananttc	ccaagaagtn	ggacttcttn	720
ttaactnctt	gggncttttt	tangaaaang	cttgcccntt	tttcaaattt	tttangccaa	780
aaantcnttt	tttcaaacc	ctttgaaaat	ngccc			815

<210> 3051

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3051

gaancccttt	ggctactcgc	tctttntgca	ggatcccatc	gattcgcaaa	gatcagaagt	60
cctggcaaga	atcacanatg	gaaaaacnac	aattctagac	agagagcagt	cactggatca	120
ggcagtcact	tgtgtgattt	gaagctagaa	ggtccaccgg	aggcaaatgc	agatcctctt	180
ggtgttttga	taaacagtga	ttctgagtct	gataaggagg	agaaaccaca	acattctgtg	240
ataccaagg	aagtgcacc	agccctatgc	tcactaatga	gtagctatgg	cngtctttca	300
gggtcagaga	gtgagccaga	agaaactccc	atcaagactg	aagcagacgt	tttggcngaa	360
aaccangttc	ttgatagcag	tgctccta	agtccaagtc	aagatgttaa	agcaactggt	420
agaaattttt	cagaagccaa	gagtggagaa	cgaagaaaa	gctttgaaaa	acaaacccta	480
ngaggaaana	agatttcaca	actatcaaac	gttattcgaa	ccangaacac	accatccata	540
tctcttgga	atgcttctag	cttccggaca	ttcgacatga	aaagaaatgt	gattttgcant	600
gtggccggt	cctcatcaaa	aaagactttt	tggttgatc	tattctgcga	aagtaagatg	660
ttagctctgg	ggttacttct	actgaanntg	tgaacattct	cctntttgt	gaggaa	716

<210> 3052
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3052

ggnnnnnnnnn	nnttgnggtt	nannnctttt	ttncntncnn	ntttgaaacc	ctttgggtac	60
ttgntctttt	tgcaggatcc	catcgattcg	gccgccgggg	cgcaatgcga	gcggctggng	120
taggcttggt	ggactgtcac	tgccacctct	ccgccccgga	ctttgaccgc	gatttggtatg	180
atgtgttgga	gaaagccaag	aaggccaatg	ttgtggccct	tgtggcagtt	gccgaacatt	240
caggagaatt	tgaaaagatt	atgcaacttt	cagaaaggta	taatgggttt	gtcctgccat	300
gcttggtgt	tcatccagtt	caaggacttc	caccagaaga	ccaaagaagt	gtcacactaa	360
aggatttgga	tgtagctttg	cccattattg	agaattataa	ggatcggttg	ttggcaattg	420
gagaggttgg	actagatttc	tccccagat	ttgctggcac	tgggtgaacag	aaggaagagc	480
aaagacaagt	cctaatacga	cagatccagt	tagccaaaag	actaaatttg	cctgtaaatg	540
tgacttcacg	ctctgctgga	agacctacca	tcaacctttt	acaagagcaa	ggtgctgana	600
aggtactgct	gcatgcattt	gatggtcggg	ncatctgtag	ccatggaagg	agtnagaanc	660
tgggtacttc	ttctcaattt	ccccttctat	cataagaaat	ggacagcang	aaacttgtga	720
aacaattgnc	tttacttcta	tatgcttaga	aacagatcac	ctgactagga	cnanaaaaca	780
ggtec						785

<210> 3053
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3053

gtnnnnnncan	tnattcccn	nanaaaacct	ttgggtactt	gctctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggtttcacat	ttgctgccat	gagcaaagan	gaggtcgaca	120
ggtacaattt	tgtgatgctg	gccctgtcct	cctcattect	ggtgttatcc	tatctcttga	180
cccgttgggt	tggcagcgtg	ggcttcactt	tggccaactg	ctttaacatg	ggcattcgga	240
tcacgcagag	cctttgcttc	atccaccgct	actaccgaag	gagccccac	aggccctgg	300
ctggcctgca	cctatcgcca	gtcctgctcg	ggacatttgc	cctcagtggg	gggttactg	360
ctgtttcgga	ggtattcctc	tgtgtgagc	agggctggcc	agccagactg	gcacacattg	420
ctgtgggggc	cttctgtctg	ggagcaactc	tcgggacagc	attcctcaca	gagaccaagc	480
tgatccattt	ctcaggactc	agttagggtg	gcccagacgc	actgacaaaa	tgacatgact	540
tcagggaagc	ctggacacc	gangcacctg	gaccaactat	gggtaagttc	ttgtgggtgg	600
aacancattc	tgtgtaagaa	cccacttgan	ggcnttttgc	aaaccggaat	tgacaggnaa	660
ccccagaana	ttaaggcacc	acaaaagtgc	ccccttgcat	gaaaacacct	tgtgaaccat	720
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gcccctttnt						790

<210> 3054
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3054

gnntgnttttn	nnntcttttga	tcccttctttt	caaatcntttt	ggctactttgt	tcttttttgc	60
ggatcccac	gattcgaatt	cggcacgagg	ggtgttggag	cagattntag	ttgatccaca	120
gcaaagagca	tcaccaaagc	cattccagga	ggaactagat	ccaccacttc	ctctgctggg	180
catgctccaa	aaatggttgt	ggcttccaga	gaggactcca	aaagaaagca	caaaaactag	240
acagtgggag	ggcataccca	aaagccctga	gtttctgaaa	aaatattgaa	agtttctatg	300
gtgaaatagg	aagttaatgt	gcttaggaag	aaaaaagtgg	taatgattca	aggaaacata	360
atcacacacg	gttttagttt	taatggacat	gggaggagcc	ataaaaagtag	tctatctatc	420
atcagttaca	tatctaata	actgtctatc	tgggataccc	tatcctgttt	taatctgagt	480
gactctctct	cagctgagag	agctggacag	actccatttt	agcctcttca	cttgacgtcc	540
ccttatcccc	cttccttaag	ggaataacta	gtgcaagctg	actccaagca	catncaggaa	600
tgcacttact	gataaagata	ttgangcaag	ttgtaccagc	agctcctggg	gacgtgctca	660
ntggatggtt	ccaagcccct	gcatttatct	ctttgngata	gtntaaacct	ctgcacctgg	720
aactgtgatt	tttctgtact	atctctgtac	cctnaatttt	ttttactttt		770

<210> 3055
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3055

tncttgaanc	cctttgctac	ttgttctttt	tgcaggatcc	catcgattcg	cgtctgtaat	60
cccagctgct	tgggaggctg	aggcaggaga	ntcacttgaa	ccctggagggt	ggcgggttgca	120
gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	ttcgtctcaa	180
aaaaaaaaac	cntagaattt	ggatcctttg	gtcgggttct	cccaaattct	tttgagggtgt	240
ccatggtcaa	ctgcttcagc	tttgttttgg	caacccccctg	cccgaagtcg	catataggct	300
gttcttcacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	gaggagggtgg	360
aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	tacaaaatgc	420
cttgtttctt	tcattgnttc	tggaaaggaa	agttctatta	atattgtttt	actttgaata	480
tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagttaaat	tcaaatgtat	540
gccaatacct	tccaaagtaa	ggnaatatcc	agagacagtt	gttgtgatca	gaatggctta	600
gagaaatttc	tggaaatattc	acattcgaag	attccctatt	aatgaaatgn	ctttgacctt	660
aaaattttacc	caaaaacttg	caaccattaa	ttcntttgga	ccatttttca	ttatatagn	720
gttaaacaag	ctttagtgtg	caaaccaaat	taaaattcct	taaagctaaa	aaaaaaaaaa	780
aant						784

<210> 3056
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3056

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taacacacat	cacagtatgc	tctcagaaat	ttctttat	gaacctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gaggggtggc	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
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gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttggngaaat	ttgggggatg	779

<210> 3057

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3057

ttancctata	ancgtctatg	aagcctttgc	tattngncaa	tggatgcagg	aaaactgaga	60
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gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	agggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcagt	ggcgcgatct	tggctaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccagg	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tgttgggtcag	gctggtctcg	420
aactaccgac	ctcaggtgat	ccaccacct	cggcctccac	agtgtctggga	ttacaagcat	480
gaaccaccgn	gcccggnctc	ctgttccagt	tttctataat	ctggtcatat	tatattctgg	540
gtatatgtgg	gtgggtgtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgttttaag	ataagtttca	tttcttcaaa	agatgtatgt	ncaataacctg	660
ggtatcagg	aacaatctta	aaaaaactta	ttcattttaa	aattaacctt	taaaatttagc	720
cattccaatt	naacattaag	ganggttgng	agga			754

<210> 3058

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3058

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gatgggattt	ccccacgttg	cccaggctgg	tctcctgagc	tcaaagcaat	ccagattgct	120
gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaaggggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttggctcac	cgcaacctcc	gcctcccg	300

ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tgggccacca	360
cgcttggtta	attttgtatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggt	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgcccc	gcctcctggt	ccagttttct	ataatctggt	catattatat	540
tctgggtata	tgtgggtggt	gtgattatcc	atgtggtcct	attttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taaccntaaa	gacagtttgt	ganga			755

<210> 3059

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3059

nttaantnt	gatngtcnat	aaggccttta	togatctgcc	aatggatgca	ggaaaactga	60
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gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgc	atggcgcgat	cttggtcac	cgcaacctcc	gcctcccggg	300
ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tgggccacca	360
cgcttggtta	attttgtatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggt	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgcccc	gcctcctggt	ccagttttct	ataatctggt	catattatat	540
tctgggtata	tgtgggtggt	gtgattatcc	atgtggtcct	attttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taaccntaaa	gacagtttgt	ganga			755

<210> 3060

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3060

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aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aacctataac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180
aataaaaagg	atcttaccac	ctttatcatg	aggggtggctt	tgtctctctcc	attccaagtt	240
gttctctgtt	ctagaaagca	gatgtagtag	acatctactg	tttttgctta	aacagaatcc	300
ctttttcctt	tttttggttaa	aagtactcat	ccctaataatt	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattattt	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctcct	ctttggtggt	ggcatatgga	480
ccctgagaga	agaacttta	attttttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcgggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaaan	nnnnnnnaaaa	aaactcgagc	ctntagaact	atgtgatcga	660

ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtgaa 720
 aaaatcttat tngnaattgn gatn 744

<210> 3061
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3061
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 aacacacatc acagtatgct ctcagaaatt tctttatttg aaccctatac caatatctgt 120
 tgatcaatga ccatttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag 180
 aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt 240
 gttctctgtt ctagaaagca gatgtagtag acatctactg tttttgccta aacagaatcc 300
 ctttttcctt tttttgttaa aagtactcat ccctaataatt acattgttct ggaaggactg 360
 aaaataacag aactcagcac catgatcgga cggggacaat cagattatct cattcctcag 420
 caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttgggtgtt ggcataatgga 480
 ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa 540
 ataccgttct ctgacacttg gaggtttgcc acaatcgggt aaataaaggc aagacgtaac 600
 actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc cntagaact atgtgatcga 660
 ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtgaa 720
 aaaatcttat tngnaattgn gatn 744

<210> 3062
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 3062
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 aattcggcac gagaaagccc gccaccact gtgggacttt ctggtgggct cctcagctcc 120
 caccacaggc tggggcccag attgtgaggt ctgtgtgcat gtgtgtgtgt atgtgtgtgt 180
 gcatgctgtg gtgtgtgtgt gggatctggc ctggcccttg gggatggggc tgctggggac 240
 tgccccctt cccgccgtgg ccaggcgctc tgtgtgctgt gtgtgcccc ggcctctgtt 300
 accccgtcca ggaactaact taccagctt ggtctctcct gagtccctca cctggcctg 360
 ggattggcca gggagcaggg cgggcatttg gaccagtgtg gagcctgagg gtgcctgccc 420
 tgctctggag ggagggccag gagctgccac acccccaagt cctctcaggg cccaccctcc 480
 tttttcagcc tctgcataag gccctgggt acaactgcaga agccccatcc tcccgcctc 540
 gggcataagg cccctgacca cacttcagaa gccccatccc cctgcaccg ggcgatccct 600
 gctgtgagcc gaactntctg cccgctgcca tgtgtcgtgt ttggtgnaga cctgatgtct 660
 gtntgtgtcc aaacgggctc aagagcctca caatctgggt agctgacca gtacgtgt 718

<210> 3063
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 3063

cgnttaaann	ccttcaactcn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttctttatatt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccttgcata	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tgggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgct	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttgngaaat	ttgggggatg	779

<210> 3064
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3064

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gctgctaggt	tccagtttta	atnttttaggt	ttagttggac	tctgttatga	aaagataggt	120
tatgggtggg	cgacaggttg	atacagtctt	agaaaaagca	ggtaatatca	aagtattgga	180
aagctagcat	gcatgcctc	ttacctgggt	atcttcccc	ttttttcctt	ttaaactctt	240
gagcctccta	taacgaagga	ttatgtgttt	caaacctttt	ttttttactg	tttcattaag	300
tgtgcttgtg	cccaaaatat	ttacttgtat	aatatctgta	cttgcttaaa	tacttcagca	360
aagtcagcat	atttactcat	tcaacaaata	tttgagccag	gcattatatt	agacacagca	420
gtgaacaaaa	caaaaaggca	ttcttgcctt	catggagctt	acattcttat	tggtatttaa	480
atctaaatgt	tataaaacaa	gaattttatat	tctaggggtg	atcagctagt	atttaaatcaa	540
aaangccaca	ctcccatagc	agctctctaa	gctgtagtag	ctaataaaaa	atattaatgg	600
tggccgggca	cagtgctnac	gcctattaat	cccagcactt	tgggangcca	aggtggtaga	660
tcacttgagg	tcaaaagtgt	gacccagcct	ggccaacctg	gtgaacccta	tctctttaaa	720
aatccaaaa	aatccaaaa	aattacttgg	gctg			754

<210> 3065
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 3065

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taacacacat	cacagtatgc	tctcagaaat	ttcttttatt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccttgcata	agggtagtg	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tggtctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tggaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaaagt	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggg	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccgacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttgngaaat	ttggggatg	779

<210> 3066

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3066

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annacacaca	tcacagtntg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tggttttgcc	taaacagaat	300
ccctttttcc	ttttttgtt	aaaagtactc	atccctaata	ttacattgtt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttgggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggactg	caataaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggaggtttgt	ccacaatcgg	tgaaataaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggacaacca	cactngatgc	720
atgnaaaaaa	cttattgnga	attggggag				748

<210> 3067

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3067

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annacacaca	tcacagtntg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tggttttgcc	taaacagaat	300
ccctttttcc	ttttttgtt	aaaagtactc	atccctaata	ttacattgtt	ctggaaggac	360

tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttcttttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggacaacca	cactngatgc	720
atgnaaaaaat	cttattgnga	attggggag				748

<210> 3068

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3068

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annacacaca	tcacagtntg	ctctcagaaa	tttcttttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccttgcctg	aagggttagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	ttaacagaat	300
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttcttttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggacaacca	cactngatgc	720
atgnaaaaaat	cttattgnga	attggggag				748

<210> 3069

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3069

ggnnnnnnntc	ttttcnaatg	cttggtctct	gttctttntg	caggatccct	cgattcgcaa	60
gagagagtga	tagaattggc	agtgaatat	acgaaccacc	ctcctgccct	ctgggttcac	120
aatacgtgta	cacttgactg	tgaagtggct	gtgagagtgg	gtggagagtt	cttctttgac	180
cctcagcctg	cgatgcctc	tagaaacctc	gtgttgattg	caggaggagt	cggaaattaac	240
cctctgcttt	ccatcctgcg	gcacgcagca	gatctcctca	gagagcaggc	aaacaaaaga	300
aatggatatg	agataggaac	aataaaaacta	ttctacagtg	caaaaaatac	cagcgaactc	360
ctgtttaaga	aaaatatcct	tgatttagta	aatgaatttc	ctgagaagat	tgcatgcagt	420
ttgcatgtta	caaaacagac	tacacaaatc	aatgcggaac	tcaagccata	catnacggaa	480
ggaagaataa	cggagaagga	gataagagat	catatttcaa	aagagacttt	gttctatatt	540
tgtggccacc	ttcaatgaca	gactttttct	ccaagcaact	ggaaaacaac	catgtcccaa	600
agaacacatt	tgctttgaga	agtgggtgga	ggaggcagac	aaaggcagaa	aaaattaaga	660
ggtgagatct	actcaggaga	gctcaaaann	aaaaaaaaaa	aaactnggac	ctntagaact	720

atagtgagtc gtntttccgta gatccagaca tgataa

756

<210> 3070
 <211> 788
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3070
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 agtgatgcct tagtcacttg gccacacagt tttgtggttt acgagtcag ggaattgctt 120
 gtcttactct gactgctaaa gttctgtcct attgtctttt catgtaatag caacatgact 180
 ctgatgacaa agcccaacta attacacaac ttaatttaaat agtttaaagc gcaaagggca 240
 ttccttgagc agtaaaatct tttgtttgga aatttttaaaa caaattatat tttactttat 300
 gttttatatt tacentaata agtattttaca agaacacaat tttctcaaga tttaaactgc 360
 tcattgttcc ataaatagga cacacattta gaaagaggat ttttttttaa aggaatattt 420
 tagtgattac ttctggctaa aaacatgaaa ctcttttagt gcttgatgtt actggaaact 480
 tgctctagat tatttttttga atcttttgctg ngagggtaaa aatagaaatg ttttctctcc 540
 aattattgct ttgaattaaa atttttgtgtc tgggtgaaat ttctctctggc ttaatgcatg 600
 accaggctgg tagaaaatgt ttcacctaaa tctcttatt tttggtaaaa cattcataat 660
 nccaaaccct aatagtttgg naaggcatgt gataattggg aatcccnctn ctgtcctcan 720
 tttataaatt cccctgacaa cagccctgct taanaatat acctacttct ggttggattt 780
 cttncgcn 788

<210> 3071
 <211> 744
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3071
 ctttnaatcc cttgcactcg tcttntgnag gaccttatcg attcgaattc ggcacgagat 60
 aacacacatc acagtatgct ctcagaaatt tctttatttg aaccctatac caatatctgt 120
 tgatcaatga ccatttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag 180
 aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt 240
 gttctctgtt ctgaaagca gatgtagtag acatctactg tttttgccta aacagaatcc 300
 ctttttcctt tttttgttaa aagtactcat ccctaataatt acattgttct ggaaggactg 360
 aaaataacag aactcagcac catgatcgga ccgggacaat cagattattt cattcctcag 420
 caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttgggtgtt ggcataatgga 480
 ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa 540
 ataccgtttc ctgacacttg gaggtttgcc acaatcgggtg aaataaaggc aagacgtaac 600
 actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc ctntagaact atgtgatcga 660
 ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtga 720
 aaaatcttat tngnaattgn gatn 744

<210> 3072
 <211> 768
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3072

cactganctn	ctatccttct	tcnttgcagg	atccnatcga	ttcgaattcg	gcacgagatc	60
ctgtcgggtat	tccttgggtat	ctgantnaaa	taccaaataag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcatc	acactaatta	caaaatacaa	gttctggaaa	180
aaatatTTTT	cttcatttta	aaactTTTT	aactaataat	ggctttgaaa	gaagaggctt	240
aatttggggg	tggtaactaa	aatcaaaaaga	aatgattgac	ttgaggggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctgtt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatcct	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggnccttaag	ntccttggtc	ataattTTTT	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggmntt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3073

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3073

tcnctcctna	aatcggtggc	gctctcttgc	aggatccctc	gattcgaatt	cggcaccgagc	60
tctcaaataag	aaatggggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggt	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggetcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acgggggaatc	ctgagatcag	agtccttagtt	360
tggctttgtc	tcttgtagca	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcatccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcacttg	atcttcccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtg	ttccacttg	aatnccaaat	aaagttcgaa	ttccttanaa	720
tggcattcac	agccttntac	ttctggnccc	acttttatnt			760

<210> 3074

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3074

ntttataant	ntnatnccct	netcttgntc	tttttgccagg	atccctcgat	tcgaattcgg	60
cacgaggaac	aagcacagcc	caagccagat	gtacagcaca	cacagcatcc	catgggtggcc	120
aaagacaggc	agcttcctac	cttaatggca	cagccccgcg	aaactgtagt	acaggtgctt	180
gcagtgaaaa	ccacgcagca	gctccctaaa	ctgcagcagg	ctccgaacca	accaaaaaatc	240
tacgtgcaac	cccaaacccc	ccagagccaa	atgtcgctcc	cagcttcttc	agagaaacag	300
acggcaagcc	aggtggagca	gccaaattata	acccaaggat	cctctgttac	aaagataact	360
tttgaggggc	gccagcctcc	cacagttaca	aagataactg	gtggcagttc	tgtgcctaag	420
ctgacatcac	cagttacaag	catatctccc	attcaggcct	ctgagaagac	agcagtgtct	480
gacattttga	aaatgtcttt	gatggaagct	cagattgata	caaagttaga	acatatgata	540
gtggatcccc	caaagaaggc	tcttgccact	agcatgctca	ctgggtgaagc	aggatcatta	600
cccttccacc	cacatgggtg	tgcagggatg	gcgaattcca	cttcccagca	acagaaatgt	660
agagagtcct	gttcgagttc	attcacgcgt	ggctcttcct	taacgacaag	gaaaatttga	720
tccaccanca	gtgccttgc	acanggccan	ttnatgcgta	tttcanaatg	t	771

<210> 3075

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3075

atnngaagga	aacaatnntc	cttcgtgctc	tncntgcagg	atcccatcga	ttcggggccgg	60
ttattctctc	tttacagata	gctatagaca	tcatttttagg	aagtgttgca	gtctggcatt	120
tgtgctattg	ttcattctct	gtgaaggctg	ttcatagttg	ctatagcctg	tgttttagttt	180
tgtgatttca	tcaatcccat	ctttctgtgt	gagtaatgca	ttctaaacat	cctacccccc	240
tttagaaaac	gacgtgggga	acgcttggtc	atttaagcca	acaataaatt	taggtgaatg	300
tccctaagtg	tttactgntt	ttatccagtc	aaggatttgc	ttttccttga	acatttggtt	360
taaattctgg	ggccaaaatg	caaaggagaa	gttctattca	aaggcagtag	ttgaaatcta	420
ttatttttagt	tagcctactt	ggcattttact	acatcggtca	cttctccagg	ctgccctaaa	480
ttaggttgat	ggagtggagc	atgccaaaaca	tccacctttg	ggaccatagc	atagntaaaa	540
ttaaatgtag	ttggaatagc	tagcattgca	gctacagtag	ggaaactgtg	tctanttccc	600
taccgaaaac	ccaaggagta	agggacagga	ttttgcctag	gcaaaaatct	aagactcgtg	660
cccttctggt	acatggggnt	taagactgaa	tgtgtaatag	gagactgctt	tgccaatcaa	720
atgatgacag	gtactgaaat	ngcaatccat	t			751

<210> 3076

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3076

ntnnnnngtc	taataattcn	nnttctttgc	netctccatg	caggatccca	tcgattcgaa	60
ttcggcacga	ggagaggttc	acagccacca	agaaagaagt	ttgcgtgaag	ttctccagga	120
ctatggaaaac	cttacaggat	actgacttag	aacctctgtt	ggaatgtggc	tgagtcaaag	180
cctctgtttg	ttgttagggg	tatctacagt	aaggagatga	tacttcagga	gatttatattt	240
cactcaatga	tcttttctca	tttcagggtc	cttctcaaat	aagctaaaag	aaaaaggatc	300

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aggagacagg aaaagtcttc cgttttgagt catgagtagg gcaatagaca aggttctctt 360
caaaaccatc attagtttgg ctttaagaaa ccagtagcta gctgctatctt atatggtgag 420
ggggtgctgc ctggtaacag aatagctcca caccacagct tgagattttg tttagtttca 480
ctgtgtgagc tttcataaag tctgttgcca ttccatctct gtgttaaacac ttcataattt 540
tatgaaattc agataatttg tgagaggctg gcatggatct aaggatttat tattttttatt 600
ctagtccatc aagttcaatc gcagttttat actaggacct tttaggatgg tncataaaat 660
gtgtggactg tttgnccttg anttaaaagt gccacttttg gccctggggc atggnnggct 720
tcatgcctat taatcccagc acttttgagg aggnccaagg ccggttggtc tcaactttgan 780
gctaaggaaa ttc 793

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<210> 3077

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3077

```

nctcnantan ctatngcttg gttncctcgt ctntctgcag gatcccatcg attcgttcga 60
gtgcaagctc cccatctttc gaaagtttcc atggcaatac agctaactga agaactaaaa 120
gccagtgatg tacttgccag gtttctcagc caagaaagtg gggttgcca gactctcaag 180
aaaggagaag tttttttgta tgaattgga ggaaatattg gggaacgctg ccttgatgat 240
gacacttaca tgaaggattt atatcagctt aacccaaatg ctgagtgggt tataaagtca 300
aagccattgt agaagactta acaagctgca gataaccatg tggacttctg tcataattct 360
tgctgagtca agagtgtaaa taaaagaaat ggcaggactc atattattca gttgtacca 420
agtattttaa aatgactctc ttaagcctta aaaagtcata gatttgtgct gctgccagaa 480
ttatattaat tattattaat gttattatta gaaaaaaaat ttctggagtg agagtaaaga 540
ggcttaatta gtttgtgggc agttttcata tgctctgtga aatgtgtcca gatgtgacat 600
agtttttttt taatatgtgg aaagtcttct cttcccatc ttttctcta aaatcatata 660
tactgnaata tatgctctct nactctatta ccttcttaca tctacccttt ccanttangt 720
ttgctttttg cccaaaagat accaattcca ngtttggaag ttg 763

```

<210> 3078

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3078

```

ntnnnnngtt tgnctannaa gnctttgctc ttgntctttt tgcaggatcc catcgattcg 60
aattcggcac gagagagact agtctcgagt tnntttnttt tttttttcac aaataaacca 120
actttaatag atnttatttn gtatttatat agtgcttct tcaagaacct taaatgcttt 180
acagacatta tctctaatta atccccacaa caacctgtg aggtaggatg tactccatt 240
ttacaagaca ggganactga agcacagaga ggttaagtga cttgccaag gtcacacagt 300
taaattcact gaagagccag gacatgagcg ctttagctc ccanntcca gccnaatacc 360
tcatgataga atctttaata aaaagtgttt nttaaagaaag tatcacgagt agttatgtta 420
tgaaaatgag gtctttntac tgccatcaag gaaagaaaaa accctatact gatggtaga 480
ggccccaaga cccacataat acaacatttn cctctttccc tgttccnaag cntcctgggt 540
cctgtcttaa ataacttttt aaaggtnaaa tttccaagac agaagccatg tgacttaaga 600

```

```

agtgggactt aatttttagaa tattttacttt agttacataa atttatagga aattttttatt    660
cccattnnca aaatatggga cagccattcc aacatcatgt catagttaca cggnaatcaa    720
gtcccccantt acaacttaca ccanccecg nttttaatca cagtcaacca acnt          774

```

<210> 3079

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3079

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ttanccctata ancgtctatg aagcctttgc tattngncaa tggatgcagg aaaactgaga    60
tgggattttcc ccacgttgcc caggctgggc tcctgagctn aaagcaatcc agattgctgg    120
gattacagct gtgagccacc gtgcctggct gagatgactt ttaaaaaaag acttctctaa    180
agtagaagga aggggtggaat tgtatgcaca agaagaaaaa aacctggaag aaaaacatac    240
taaagaggct ggagtgcagt ggcgcgatct tggctaccgc aacctccgcc tcccgggttc    300
aagtgattct cctgcctnag cctcccaggt agctgggatt acaagcatgg gccaccacgc    360
ctggctaatt tgtattttta gtagagacgg agtttctcca tgttggtcag gctggtctcg    420
aactaccgac ctccaggtgat ccaccacct cggcctccac agtgctggga ttacaagcat    480
gaaccacceg gcccgggntc ctgttccagt tttctataat ctggtcatat tatattctgg    540
gtatatgtgg tgggtgtgat tatccatgtg gtcttatttt cacattcttt gcattaacta    600
taatgactta atgtttttaag ataagtttca tttcttcaaa agatgtatgt ncaatacctg    660
ggatcagggt aacaatctta aaaaaactta ttcattttaa aattaacctt taaaattagc    720
cattccaatt naacattaag ganggttngg agga                                754

```

<210> 3080

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3080

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cttcagagaa agctgcagga gtccctggagg gggcccttgg gccacatgtt gtcactaacc    180
tttatctcta tccaatcaaa tcctgtgctg catttgaggt gaccagggtg cctgtaggaa    240
accaagggct gctatatgac cggagctgga tgggtgtgaa tcacaatggg gtttgctga    300
gtcagaagca ggaaccccg cctctgcctga tccanccctt catcgacttg cggcaaagga    360
tcatgggtcat caaagccaaa gggatggagc ctatagaggt gcctcttgag gaaaatagtg    420
aacggactca nattcgccaa agcacggtct gtgctgacag agtaagtact tatgattgtg    480
gagaaaaaat ttcaagctgg ttgtcaacat tttttgccg tccttgatcat ttgatcaaac    540
aaagttcaaa ctctnaaagg aatgcaaaga agaaacatgg gaaagatcaa ctttcccttg    600
tacaatgggc cacccttttc tctgtgaatg aangccnng tatctgnttg atcaacacat    660
tccagtattt ttggaacttc accgggnaac ttnaaacacc cattgatgan aatgggaaan    720
ganggaatta tttttacttg aaaggatctt naccttgctt tttcgtgccc aatatttatt    780
ancan                                                785

```

<210> 3081

<211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3081

cttatnnant	actccgtctc	taaagccttt	ntcngattcg	aattcggcac	gagggaaaca	60
gctgactgcc	actgaaagaa	tnagcagttt	taggggacta	gctcctatgg	gagataaagg	120
tcagaaatcg	tagtatctga	tgaagatatt	ttgatgagca	ggtgagaaga	aagataaaca	180
tggccagatg	gccaaaggact	gggataagta	gccgtttcac	attcaattag	aattctgtgg	240
ctggaataag	atcagggaga	gcagtaggaa	gatatagtat	tctataattc	atagcttggt	300
gtgttagaga	ttaattagga	ttctgctggt	gaatcttagt	acaaaaaaat	ctaataattta	360
ttaggaatta	aggggaagatg	gtactttctgt	tatgttgccct	aagcagacag	gaagctacaa	420
gaacaccagt	ctgaagcagt	gcctcaggat	ctcagatgat	ttaggaagtg	tgctgtaatg	480
tcaaaaaaaaa	aaaagtattg	tcttttagtat	atctatgtat	agtctcgtgg	gaaaagcatt	540
ggttggtgta	tcaacagata	ttctgggttc	cagatgtctt	gnaagttaac	ctgcctccca	600
tttccctttc	tgtaaagcca	aaataattgg	ttttaccacc	ctaaatctgg	cctctcaagg	660
gattnccatt	ntttaantna	aaaaattatg	gtcctantna	aagtgccaaa	aaaaaaaaann	720
nnnnnaaaaa	aaccttngga	gnccctnttt	anaacctttt	tngtgagggt	ccgnattttac	780
ccttnnnaat	ncccggaacn	ttggattaag	gt			812

<210> 3082
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3082

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ctgtcgggtat	tccttgggtat	ctgantnaaa	taccaaatag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcac	acactaatta	caaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggcct	240
aatttggggg	tggttaactaa	aatcaaaaga	aatgatgac	ttgagggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctggt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatngtgcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatctt	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggncttaag	ntccttggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggnnnt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3083
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3083
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 aaggagtttt ccacccgtct ctcatgggtca cagcgctagt cattcatttt tgagaagttg 120
 cttctttttac atcagaaaaac cagtcaatca tatgggagact tctttttgtga tgaaaaaggg 180
 ctttagaagt taaatacatg catgcacatg aaaacatgca caaccacagc ctcaatcttg 240
 tatttagttt ggggaaagag aagagaattt cctgtggatt attttttcct caagtgcacc 300
 tctctgggta acccaaactc tgcaagaaag cactgtgact aaaacataca taacgcctgc 360
 ataaatatct catggtttca gttaaatttc agtttttagc ctttacacat gaggtcaaag 420
 gagtgcagaa aatacaaagc aaggaaaaaa tgaaatatct ggtttttgct gaatgcttaa 480
 tttatttttt actgtgccac tccaatatct atcaaatacca aatagcatga atgcttctct 540
 gtagtaatac taattttgtg ctttttgtct gctttcttaa gaccagttgt tcacactttg 600
 taggatatta gacaaatata tttcgattga attccacaac taaanaaaaa aaaaacttnn 660
 agcctnttag aacttttagg gaggtcgnat tacggtagat ncanaccatg gataaggata 720
 cattggatga attttggaca aaccccaacn ttggaatgcc ntggnaaaaa aatgcttttt 780
 t 781

<210> 3084
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3084
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 aacgttctca ggttgaccag ctgctgtnta tttctttaag ggaggaagaa cttagtaagt 120
 cattgcagtg catggataac aatcttctgc aagccctgctc agcccttcag acagcttatg 180
 tggaagttca gaggtactt atgctcaagc agcagataac tatggagatg agtgactga 240
 ggacccatag aatacagatt ctacagggat tacaagaaac atatgaacct tctgagcacc 300
 caggtttggc atagaaatgg tacccttgt tcaaaatgaa caagaagcct tagatttggg 360
 tggggaacct gatctgtcca gtctanaagg attccantgg gaaggtgttt ccatttcctc 420
 gtcccttggc ttggcaagaa agcgaagcct ttctgagagc agcgtgatca tggacagagc 480
 tccttctgtg tatagcttct tcagttagga aggtacaggc aaanaaaatg agccccagca 540
 gatggttcac ctatgaactc attgagggtc tggacagagc cagaaagcaa cccattgcac 600
 ctttaaaaca agaagtgaca cctnggggct tgcctnccct tcccgaacan gtggaaaagg 660
 ggcttgaaaa tgggtgcttc ccaaanggcg acntagtnca ccaattatcc tctgancata 720
 ttaatacctt tgatngcatt ttggccaaaa agacttgacc agncaaggaa nagggctatt 780
 cccccc 781

<210> 3085
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3085

ngttaantan	atccttgcac	tggcggatcc	ctcgattcga	attcggcacg	agatttaaag	60
tattagccaa	cctcttcagg	tattagcctg	aagataaatt	ttacaaaaac	atatacactt	120
gggtatccgt	cattgctcaa	actctatagt	gtattgctgg	agccaatagg	cagggatatat	180
tttattagct	aaatttgata	tttgtcttct	gccttctgta	tcacctccaa	gctataggaa	240
atcaggattt	tgttggcttt	aagaaaaacac	atggtatggt	cactgtatat	taaatatacc	300
tgtattttaat	gttttctctt	aggacagaaa	agtagacaca	cacacacaca	gaacaggctc	360
tgttgtgttc	agctttctgt	tttatattat	ttgccattga	gattagaata	gaacaggctc	420
tattcatgca	aactatatga	aatgaaaaac	ttttaagact	cttcattaat	tggagcttct	480
gggcaacatc	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatacag	acattttttt	540
tttaacttgn	tgattcanat	gtcttgggcc	ctgaatagtc	ctagattact	tattttgaga	600
attcattggt	aaaattacag	ggaattaaaa	taattgcctt	ttttttagan	ggtaaganat	660
gggtagaaga	ntatgcctnt	gnaaatttat	tagntattct	tgtggagaat	nccagaaaaat	720
gggtatttgc	ccatgctaaa	tatganatan				750

<210> 3086

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(954)

<223> n = A,T,C or G

<400> 3086

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aattcggcac	gagctgcgct	atcagcgcaa	agaacctccc	gttagtgcca	ctgacccccc	120
ctnccccccag	ccccacagct	gggtctggct	gggcaactgac	caggaggaac	tgagccgcca	180
gctggaccgg	cagtcccctg	gcccccccaa	gggggagggg	agctgcccct	gtgagagtgg	240
gggangagg	gaggccccta	ccctggcccc	tggccctcct	gggggcacca	ccagctnctc	300
aagcacnctg	gccccgaaag	aggctnntng	ggcggctnaa	gcgagtana	tttgtgacat	360
ttgcncagc	cccttcagcc	cagnnacctg	aggagcctgt	aggggcccct	tgctgtgcag	420
taccatnctt	gtggcaggcg	acgaggacat	ccgntgngtg	tgtnaaggac	atggngcttg	480
aaggaccctg	angaagcttc	nnaaactaca	tngagaggat	cccngggcaa	ctttcttgac	540
nctgcaanan	acaaccttgg	tcaagcccac	ncaacttgg	gcaaaccgann	nggtgngaag	600
ggtttcccaa	cttggagccc	tttttccgtc	cttgcctctc	ggncantttt	cgtttttngg	660
tagccttgg	ttggaattcc	caagntcccc	cttggccttn	gngtnnctc	ncnnancaaa	720
nggggaentt	tacnatttn	cnaagggcnc	ncccnntntt	tgggcccctt	ggcccccnnt	780
ttgggccc	tggggaaacc	aatgggggtt	cnmntnaaaa	ngngnaaaag	gggcctttca	840
attggccncc	ccnttttaaaa	atttnaaatg	gggggaaaac	ncccttttta	tcntatttnt	900
cttaaacccn	gnaanattta	aaaaccnnn	atnnaaagg	gaaaaaaaac	cccg	954

<210> 3087

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3087

tnnccnctaa	mnttnatgcc	ttngttntn	cntccntttt	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120

```

agaaatcaat tgtctttcat tgaatcaaac ggaaaacctg ctggcttctg ctgacgactc 180
tggggcaatc aaaatcctag acttggaata caagaaagtt atcagatcct tgaagagaca 240
ttccaatata tgctcctcag tggcttttct gcctcagagg cctcagagcc tgggtgcatg 300
tggactggat atgcagggtga tgcgtgtggag tcttcaaaaa gcccgaccac tctggattac 360
aaatttacag gaggatgaaa canaagaaat ggaaggccca cagtcacctg gtcagctctt 420
aaacctgcc ctagccatt ctatctctgt ggcttcgtgt ggtaatatat ttagttgtgg 480
tgcagaagat ggtaagggtc gaatctttct ggtgatggga gtttaagtgt aacaggaact 540
gggatttaag ggccacactt caagggtatc ccagggtctg tttctcccag aatcctatatt 600
gctgctttac tgganggaat gatggggaag atcacctgtt gtgggggatgc caaacagtgg 660
aagtttgaag aaaaaaccag aagaagtccc cacaaaaccg taccacaggg gaagaaaccc 720
taaaggangg acnttgcacc aaagcagggt gggaaaatcc tnacgcctta agtnaccoga 780
tggagggaa 789

```

<210> 3088

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3088

```

tgnttnnngt tnnntntnag ccttgcctct tgcctctgca ggatccctcg attcgaattc 60
ggcacgaggg ccaaagaggt gctacatgca ttgaaagaaa aggttacttc actacctgac 120
aaccataaaa atgcccttgc tgctaacata gatgaaattg tatttacatc aacaggagac 180
atctccattt actatgatga gaaaggaagg aagtttgtta acatcctgat gtgcttttgg 240
tatctaacca gtgccaacat cccagtgaa actttaagag gagccagtgt attccaggtt 300
aagttgggga atcagaatgt ggaaactaaa caacttctta gtgcaagcta tgagtttcag 360
agggagttca cacaaggagt aaagcctgac tggaccattg cacggattga aactcaaaa 420
ttattagaat aattttcttg gaaaaatcag cttatggact ttagcagttg ctgtgaaaaa 480
ctaaggaaga aaaatttttg ggatcattga tcttcaacta atctaagtct gtgaattact 540
tttatattat tttgaaatac tccttgacgt atattggcat gatacagtaa aagcattttc 600
cacaganttg gtatcacctt cttaaaagaa gncaaaaatt taaaaaattc caatagcccc 660
gttggttggt gtcataattca ataacatttn caatgctaca tataatttta tagacttata 720
aagaaggtn tgaaaaaaaaa aaannnnnnn nnnnnnnnnn nngnnnn 767

```

<210> 3089

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3089

```

naatncttgg ctcttgttct ttntgcagga tcccatcgat tcgaattcgg cagcagaatg 60
caaagggctg cagttctcat tcaggctact ttcaggatgc acagaacata tattacattt 120
cagacttgga aacatgcttc aattctaatt cagcaacatt atcgaacata tagagctgca 180
aaattgcaaa gagaaaatta tatcagacaa tggcattctg ctgtgggttat tcaggctgca 240
tataaaggaa tgaaagcaag acaactttta agggaaaaac acaaagcttc tattgtaata 300
caaggcacct acagaatgta taggcagtat tgtttctacc aaaagcttca gtgggctaca 360
aaaatcatat aagaaaaata tagagcaaat aaaaagaaac agaaagtatt tcaacacaat 420

```

```

gaacttaaga aagagacttg tgttcaggca ggttttcagg acatgaacat aaaaaaacag 480
attcaggaac agcaccaggc tgccattatt attcagaagc attgtaaagc ctttaaaata 540
aggaagcatt atctccacat tagagcacag tagtttctat tcaaagaaga tacagaaaac 600
taactgcagt gcgtcccaag cagttatttg tatcagtcctt attacagagc ttaagtcca 660
aagatatcaa atatgcacgg gctgcacact aatcagtcctt ctatca 706

```

<210> 3090

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3090

```

nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg 60
agccccactc ggggtatgtg aatgcccagc tggagaagga agtgcccatc ttcacaaagc 120
agcgcattga cttcacccct tccgagcgca ttaccagtct tgcgtctcc agcaatcagc 180
tgtgcatgag cctgggcaag gatacactgc tccgcatgga cttgggcaag gcaaatgagc 240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
atactggctc tcacctgctg attgcccctga gcagcacgga ggtcctctac gtgaaccac 360
ttgagaaggc tgccctcctag gctctgctca gtcactctgc aattgccaca ctgtgaccac 420
gttgacggga gtagagtagc gctgttggcc aggaggtgtc aggtgtgagt gtattctgcc 480
agcttttcat gctgttcttc agagctgcag ttatgccaga ccatcagcct gcctcccagt 540
agaggccctt cacctggaga aagtcagaaa tctgacccaa ttcacccctt gcctctagca 600
cctcttctgt cctgtcatte ccacacacgt tctgtttcac ctcgagagag agagagagag 660
agcacctttc ttctgtctgn tcacttttgc gggctnttga atnccagctc ttctctntca 720
gaagaagcct tctcttcttc tgctttagtag gtgtncaaaa agt 763

```

<210> 3091

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3091

```

gnntttntn ccttttntct ttcaaatnct tggctacttn ctntttctgc agggatccca 60
tcgattcgaa ttcggcacga ggaggatctg ccttctgagg aagtggatca agagctgatt 120
gaagacagtc agtgggaaga aatactgaag caaccatgcc catcgagta cagtgtatt 180
aaagaagaag atctcgtggg ctgggttgat cctctggatg gaaccaagga atataccgaa 240
ggtcttcttg acaatgtaac agttcttatt ggaattgctt atgaaggaaa agccatagca 300
ggagttatta accagccata ttacaactat gaggcaggac cagatgctgt gttggggagg 360
acaatctggg gagttttagg tttaggcgcc tttgggttct agctgaaaga agtccctgct 420
gggaaacaca ttatcacaac tactcgatcc catagcaaca agttgggttac tgactgtgtt 480
gctgctatga accccgatgc tgtgctgcga gtangaagaa caangaaata agattattca 540
gctgattgaa gcaaaagcct ctgcttattg tatttgccaa gtccctggtt gtagaantgg 600
ggatacttgg tgctccagaa gttantttta catgcttntg ggaaggcaag tttacccgat 660
ttncatgggg aatngttctt tcaantncca ccaaaggatt gttgaaagcc ttattgaact 720
tttgcaaggg anttccttgg ccacaaattt ganggaatta ttgaccttcc tttg 774

```

<210> 3092
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3092

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tcgattcgaa	ttcggcacga	ggccatgtga	ggacataggg	agaaagcagc	caccattggc	120
aagccaagag	agagccctca	ccaggaacga	ttggaccagc	accttgatct	tggattttct	180
agcctccaga	acttacagta	cgggtggctg	gcaagatggc	cgaataggaa	gagctccagt	240
ctacagctcc	cgcagagatc	aacgcagaag	gaacagcagt	ctcagcgggt	agcagcacia	300
gagatgattt	acacaatgaa	gaaagtacat	gcactttggg	cttctgtatg	cctgctgctt	360
aatcttgccc	ctgcccctct	taatgctgat	tctgaggaag	atgaagaaca	cacaattatc	420
acagatacgg	agttgccacc	actgaaactt	atgcattcat	tttgtgcatt	caaggcggat	480
gatggcccat	gtaaagcaat	catgaaaaga	tttttcttca	atattttcac	tcgacagtgc	540
gaagaattta	tatatggggg	gatgtgaaag	gaaatcaaga	atcgattttg	aaagtcttgg	600
aagagtgcaa	aaaaatgtgt	acaagagata	atgcaaacag	gattattaaa	gacaacattt	660
gcaaccaagg	aaaagccnag	atttctgctt	tttgggaaga	agantcctgg	atatgtcnag	720
gntatattac	caggtatttt	tataaccatc	agaccaaac			759

<210> 3093
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3093

tctaattgctt	ggctcttgnt	ctttctgcag	gateccatcg	attcgaattc	ggcacgaggg	60
agatccagat	attcttagac	ctgctgtttg	aacctgtgag	gcattttcaag	aatggagagt	120
gccattctgc	agtcattcaa	gcagtagaag	acttggaatt	gtctaaagtt	cttcctttag	180
gtcgtcagca	cggatatctta	aacagccttg	agatagtatt	gaaaaacatt	agtcattctga	240
tcagcgcata	cctgccgaag	attttgcaga	tactgctctg	tatgacagca	accgtatcac	300
acatccttga	ccaacgagaa	aagatacagc	tgagatttat	taatccattg	aaaaatttaa	360
gacgtcttgg	aatcaaaatg	gtaactgata	tctttttgga	ctgggaatca	tatcagttta	420
gaacagaaga	aattgatgct	gtgtttcatg	gtgcagtttg	gccccagatc	agcaggcttg	480
gatctgagag	tcaatattct	cctactcctc	tgctgaaact	gatcagtatc	tgagcagaaa	540
acgcaagata	tttccctttg	ctggctaaac	agaacctggg	caccagaaat	gtgatatcct	600
gaccaatggg	tttttgcaat	tctctcagcc	gaagaatctt	tcttgatgcc	cacagccagt	660
attgtaatgg	gccataagtt	ggatgacctt	tnntaacctt	tccagaattt	cgagccctac	720
cggaaccggg	ttttggat					738

<210> 3094
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3094
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 agatccagat attcttagac ctgctgtttg aacctgtgag gcatttcaag aatggagagt 120
 gccattctgc agtcattcaa gcagtagaag acttggattt gtctaaagtt cttccttttag 180
 gtcgtcagca cggatatctta aacagccttg agatagtatt gaaaaacatt agtcattctga 240
 tcagcgcata cctgccgaag attttgcaga tactgtctctg tatgacagca accgtatcac 300
 acatccttga ccaacgagaa aagatacagc tgagatttat taatccattg aaaaatttaa 360
 gacgtcttgg aatcaaaatg gtaactgata tcttttttga ctgggaatca tatcagttta 420
 gaacagaaga aattgatgct gtgtttcatg gtgcagtttg gccccagatc agcaggcttg 480
 gatctgagag tcaatattct cctactcctc tgctgaaact gatcagtatc tggagcagaa 540
 acgcaagata tttccctttg ctggctaaac agaacctggg caccacagaat gtgatatact 600
 gaccaatggg tttttgcaat tctctcagcc gaagaatctt tcttgatgcc cacagccagt 660
 attgtaatgg gccataagtt ggatgacctt tnttaacctt tccagaattt cgagccctac 720
 cggaaaccgg ttttggat 738

<210> 3095
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3095
 ncttctaata cttggctatt tctaattcctt ggctactttc aaatccttgg gnantcgctc 60
 tctctncatg atcccatcgn ttcgaattcg gcacgaggat tgtgacatgg tgtaataaag 120
 gtctacatgg ngtaataaag gtatacatgg tgtaataaag gatgtgggag cacanatcca 180
 taggaatttg acagtntagg aattgcttta ttattcangc ccttcactct cagactaccc 240
 tgctctatct gaataatgan gcttgtggtg gtctgtggaa aantngacan antagaattt 300
 ggnacagctgc tgaangncac ggnctctgga atgagtcac gtnccectan ggacagtant 360
 nccaaattga nacnnaaact ttnagaaaac caatgtnatg gggccaagca attgggnagc 420
 taggcccagc ctnatntttt agngattttg aactcaatct ttaanatcct gnaacagaan 480
 gananaaagg gtgnatattc gngnaatgac atncaagatc tnaactgcnet ctnggctnct 540
 anngatggnc gaaaaantgt gcncccaagg tttnnccct ntatttacca ccttgcaccc 600
 atgccatngt ngacettaca nntgnncaaa aggcccttgc cenngtgtgan ancattcccc 660
 tggnancttt ccntaccng ntgcctctt taantcctn attnaaaccc tgggggtgaa 720
 aatcctgana aatntaantt aanaatctng ntaccttttc cntananaan aactaacctc 780
 nagcccn 787

<210> 3096
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3096

gntnnnttcn	nttcctttcn	aatncttggc	tactttcnnt	ctctgnagga	tcccatcgat	60
tcgaattcgg	cacgagggag	atccagatat	tcttaggacc	tgctgtttga	acctgtgagg	120
catttcaaga	atggagagtg	ccattctgca	gtcattcaag	cagtagaaga	cttggatttg	180
tctaaagttc	ttccttttagg	tcgtcagcac	ggatatcttaa	acagccttga	gatagtattg	240
aaaaacatta	gtcatctgat	cagcgcatac	ctgccgaaga	ttttgcanat	actgctctgt	300
atgacagcaa	cgtatcaca	catecttgac	caacgagaaa	agatacagct	gagatttatt	360
aatccattga	aaaattttaag	acgtcttgga	atcaaaatgg	taactgatat	ctttttggac	420
tgggaatcat	atcagtttag	aacagaagaa	attgatgctg	tgtttcatgg	tgcagtttgg	480
ccccagatca	gcaggcttgg	atctgagagt	caatattctc	ctactcctct	gctgaaactg	540
atcagtatct	ggagcanaaa	cgangatat	ttccctttgc	tggtctaaaca	gaagccctgg	600
gcacccagaa	tgtgatatcc	tgaccaatgt	ttttgcaatt	ctctcagccg	aaagaatctt	660
tctgatgcn	acagccagta	tttgtaatgg	gacatangtt	ggatgacctt	ctttaaccct	720
ttccagaatt	ncgagcctac	nngaaaccag	gttttttc			757

<210> 3097

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3097

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ctttntgcan	gatcccatcg	attcgaatcg	gcacgaggag	ttttttgtga	tattgaggca	120
ttcatacaga	gctgcagtta	gacgggggta	cggggggctaa	aagcagaaaa	aaaattccat	180
ttcatcgggg	tggaaactgaa	ggatttttatt	ctataaagcg	gccctgggtg	aatctggcaa	240
ttctttttgc	caagatccct	agcagaagat	ttagccatgt	ccttccccctc	acttgtgtga	300
gtggccccct	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420
tgctccataa	acctagcccc	attcttcata	tcaattttgt	ataaatatat	agaaacacac	480
acacagcctc	agacttacia	actgattata	ctctaaaagt	ttgtatgtca	gttagctaaa	540
acttcagaat	acatttttctt	cctataaaaag	agtttttaa	gatgggttaag	ttcttcaagg	600
cagntncnca	anggcctatt	tntnccccaa	agggccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	nccccntggg	ggaagtgncc	natttnnggg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattccccann	780
cnataangag	aagg					794

<210> 3098

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3098

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gaactagatg	tatatgcaca	agggattgag	tttacctaa	aactaggaaa	tggagttttc	120
aatctatgtt	cttgccctctt	catactttta	tttatttttt	gtcatcctgc	cttatactgg	180
gctaacaatg	agataaaaata	aaaatacctt	tgaatactct	tttccctttc	atgcatttaa	240
agccatggag	gaactagacc	attagctgtt	gccgtcacat	gcttagacac	cagtttactt	300

agcgtgttat	gaccttcctc	acccatacta	ccaaatttaa	atgggtcccg	acttcaccct	360
ctggaaggaa	gtaaactctt	ctctcccat	ggtttcagag	cagtttttac	ctgcaagcac	420
catctctgta	tgtgctctta	ctagattata	cagttcttga	gagggattgc	atcttggtgt	480
ttttgtattt	ccacctcacc	cccagcacat	agcccagctc	cttgacaaaa	taaagtactt	540
aatgtgtgtt	gagctaaatt	gaataaagga	ttattagcat	tagcatattt	tgtgccttgg	600
ttgtataagc	tggttgtntg	ttttggtacc	tttgcaaata	tttatgatta	tcaccccccc	660
acatactaaa	ttgtttttaa	aaggtttgnc	tttncttcag	aatactaccc	cangc	715

<210> 3099

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (886)

<223> n = A,T,C or G

<400> 3099

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cgaattcggc	acgagcagag	ctgtgatctg	ccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttacetgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtcct	cacaccaatt	420
caacagagta	tcttgtaaat	gttgagagga	gangtcttta	ggcatggggg	tgtctttcaa	480
taaagtgcct	tagaaaacag	gtgacaactg	gaattggggc	cttgagggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600
tttaaaaacc	cagcmttgga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggnntaaag	660
gaacnaattg	gaatanccctg	ggncccatg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattggncc	780
ctgggggggn	ccccaggcc	tttnntttng	aaaaagggcc	nttngggggt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3100

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (886)

<223> n = A,T,C or G

<400> 3100

tnancttcaa	tgcttttcca	aatncttggc	tctngttcct	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcagag	ctgtgatctg	ccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttacetgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtcct	cacaccaatt	420
caacagagta	tcttgtaaat	gttgagagga	gangtcttta	ggcatggggg	tgtctttcaa	480
taaagtgcct	tagaaaacag	gtgacaactg	gaattggggc	cttgagggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600

tttaaaaacc	cagcnttgga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatanccctg	ggncccatg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattgggcc	780
ctgggggggn	ccccagggc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3101

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3101

tnancttnaa	ncctttcaat	tncttgctct	gnnttnagcc	gatccctcgt	tcggagacat	60
catgtcaaca	gaaatggaga	tgtgcactgg	ggaaactgcc	ggccggggccg	ctggcccgtg	120
gacgcctggg	aggtggccaa	ggccttcatg	ccccgaggac	tagcagacaa	acaaggacct	180
gaggaatgtg	atgcagttgc	tcttttaagt	ctcatcaact	cctgcgatca	cttcgtgggt	240
gatcgaaaga	aagtcacaga	ggtaattaaa	tgtcgtaatg	agatcatgca	ctcttcagag	300
atgaaagtat	cttctacgtg	gcttcgagat	tttcagatga	agatccaaaa	ttttctgaat	360
gaattcaaga	acatcccaga	gattgtggca	gtatactcca	gaatagaaca	gctgttgacg	420
tctgactggg	ctgttcacat	ccccgaggaa	gatcagcgag	atgggtgtga	atgtgaaatg	480
ggaacttacc	tgagtggag	ccaagtcaat	gaaatagaaa	tgcagttact	aaaggagaaa	540
cttcaagaga	tatatcttca	agcagaagaa	caagaggtgt	ttgcctgaag	agctctcaaa	600
tcgactggga	atggtgaang	aatttctgag	aaacatgaag	gatcttagaa	atgggcttta	660
cngaagatat	gccagaaact	ngacagcctt	tgtcttcctt	caaaaactgg	attcacaagg	720
aacctgggag	acaaacnt					738

<210> 3102

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3102

gnttctaattg	cttttccaaa	tacntgctct	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agatttttct	ggacactcag	acacaattta	gagtatttat	atataacttg	120
aaaacagtaa	catttccaaa	aaccgatgaa	ccccaccctg	tccaaggaa	tgattggtat	180
gtatgtgaag	ttcattttct	gacaaaaata	attacgttcc	acttaggatg	cacaaccatg	240
ctgtcctgta	gagaagtcac	aagttttgtg	agaattttta	aactgatgat	gtttatttcc	300
atggtaacat	gagtatacat	tttaccttct	attgtagtga	tgaatcacia	ttagtctttt	360
tttatagggt	ggtggaaaag	taattgctgt	tttgccattg	cttttaattg	caaccacaac	420
tacttttgca	ccaacctaat	atttattaag	actttacttt	tttgagacca	atttctgaaa	480
ttgggattca	tgttgagagt	ctctaaggtc	cctgataatt	tgtcgcattt	gttgntgntt	540
tttgagaaat	atttcatcac	tactcaaagt	atggtcctct	ggtctgggtg	aagcttcgta	600
agctttgaaa	gccagataac	cagggtttca	gacaagtcta	gagccangtc	aggatatcaa	660
taagaccac	aggatgtagg	gcttgccctgc	tanggagaca	tttagcttat	cttcccggca	720
aaaaaggctt	gtncctccc					738

<210> 3103
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3103
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 ttcggcacga gagaaaaaca acagagagaa aaagaatacc tgagatatgt agaagcttta 120
 cgagcccaaa tccaggagaa aatgcagctg tataatatta ctttacctcc actatgctgt 180
 tgtggctctg atttttggga tgcctcctct gatacctgtg ccaacaactg tattttctat 240
 aaaaaccaca gagcatatac tcgggcacta cattcattca tcaattcctg tgatgtccct 300
 gggggtaatt caactcttcg agtcgcaatt cataattttg cttctgcaca caggcggact 360
 ttgaaaaatc tataataaga atctgaaatt aactggtagt attttggtt ttacttaaaa 420
 tcatccctga gagagtattt aagaaaagct gttcaagtta taaaatatat aatctggaaa 480
 gaaatactgt ctcatataat aattagattg taatcattgn tttaatctct gtctgggaac 540
 caagattgaa agctgactta cttctctctt ctgncttggtg aaccatacgg agcctattat 600
 tttaaaatat gatcagacaa gtaaggcttc tcttactttg ctctgctctg atcagaagag 660
 ctcatgtgaa gtcttttgaga ttctcttaat tatcatcttc tnaaactggg ttttgagctt 720
 gacagtntctg aaaaagt 737

<210> 3104
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3104
 gntnnnttcn ntcccttcn aatncttggc tactttcnnt ctctgnagga tcccatcgat 60
 tcgaattcgg cagcagggag atccagatat tcttaggacc tgctgtttga acctgtgagg 120
 catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg 180
 tctaaagttc ttccttttagg tcgtcagcac ggtatcttaa acagccttga gatagtattg 240
 aaaaacatta gtcattctgat cagcgcatac ctgccgaaga ttttgcanat actgctctgt 300
 atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt 360
 aatccattga aaaatttaag acgtcttgga atcaaaatgg taactgatat ctttttggac 420
 tgggaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg 480
 cccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg 540
 atcagtatct ggagcanaaa cgcangatat ttccctttgc tggctaaaca gaagccctgg 600
 gcacccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt 660
 tctgatgccn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaaccct 720
 ttccagaatt ncgagcctac nngaaaccag gtttttc 757

<210> 3105
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3105

ttcaaatacnc	ttgctactttt	cnaatcgctt	ggctactcgn	tctttctgca	ggatcccatc	60
gatgtcggaa	ttcggcacga	gangtgtncc	nactgtgccc	tctgctngnc	netgctccna	120
actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggtatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncett	ttatagtcct	tcantctggt	tgtttgcaang	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	gnggttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaatggtt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	ctttttnggg	tatnatngtg	ccngncctt	gaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3106
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3106

tgagttcaat	gttggcnttg	cnaatnctgn	ctgtncncn	nttgcggtt	aaccagnctn	60
ncgattgagg	antaaaggtc	atngatggtc	agaanctgan	tgacgttngg	aatccacccc	120
gttnattgta	gaactggggg	ttcagagggc	aggtgcctca	gagttgaggc	cacacagtga	180
ggtctgggtg	gtgaaaggac	ccaggaacga	ggcgttcang	aaagcagggt	gtcagagcta	240
tgtggagtct	gtgggtggca	ngggcagccg	ctccagcctt	tgaagacttt	gaaagccaca	300
gattcctggc	gcaggcttgg	acttntctgg	agctcctcca	agtacccann	ggcatcanan	360
ctgcctgggt	gttacatggc	ccanngaacc	catgttcang	gtaggacatg	catnaccaga	420
tacccaatgt	gcanagtga	nacactgggc	tcctgttaa	acgatgaaga	attcangaca	480
gtgacagcat	tacntnacc	ctggggacaa	gaggtcagcc	taagggtgaca	cacggttgac	540
tactgtgctt	cggaggctcc	ctgtgtcctg	gnngaagaaa	agcattnnag	ggggcagctg	600
gaccangctc	ccaactgcag	aagttccagc	cctggcttgg	gcaagggccc	cggnccttgg	660
actcacnatt	nmctgatatg	ccttaagnaa	ttcattctgg	tttgnacaat	ttnttttttt	720
aaaaan						726

<210> 3107
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(907)
 <223> n = A,T,C or G

<400> 3107

gttnaatcnt	tggcatttnn	anacgcctng	ncganccgat	cgattngaana	nnggcacgag	60
------------	------------	------------	------------	-------------	------------	----

gcagctgaaa	gangatctgt	ccagcntcat	cctcctatca	gaggaggacc	tccagatgct	120
tgttgacgct	ccctgctcag	acctggctca	ggaactacgt	canagttgtg	ccaccgtcca	180
gcggctgcag	nacacactnc	aacagggtgt	tgaccaaana	naggaantgc	gtcagtccaa	240
gcagctcctg	cagctgtacc	tccaggcttt	gganaaaagag	ggcaatnctc	tngtcaaagc	300
angaagagtc	caaagctgcc	tttgggtgagg	aggnggatgc	antagacacn	gggnatcagc	360
atgagagacc	tgctaagacg	ttgcgcttgg	cngagccnca	tccttactgc	acttgnaggg	420
agaagcagcg	tncanaagct	gtngcttata	taatacaggn	attncggagt	tgggttacct	480
aaaggnanna	cccccaaan	cacttgnctt	gtatggnttt	ggaacctggg	gacantnaaa	540
gaatnaccgg	gacacctggt	tcanaagaa	gcccttgtna	gtcagtttan	ccttnggnan	600
cttgcnact	ntgccaatta	aannaacnnc	cnataancct	ttggcaannt	tcntcccttt	660
ccngntaagg	ncaatatttn	nanaccanag	gcccaaaggg	nnccccctca	acccaaancc	720
tttgggggtg	gaaccncttg	ggcnaaaaa	aatnccccct	taaagtcncg	atntgncccc	780
aaggnaaccg	ggggaattct	ccccananta	tttngtccnn	tacnnannat	ctnnggttaa	840
actntgnacg	ccccanaagg	ggaaaantct	tctnttttgn	gggtccnaa	nttntatggg	900
ttaannnn						907

<210> 3108

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3108

tcttnnnntng	gctattngat	ctctntgcag	gatccctcga	ttcggaagac	accagtgggtg	60
gaatcgagtg	tttggccaca	gttcgggacc	tatggtagaa	aaatactcag	tagctaccca	120
gattgtaatg	gggtggcgta	ctggctgggtg	tgcaggattt	ctgttccaga	aagttggaaa	180
acttgacgca	actgcagtag	gtgggtggctt	tcttcttctt	cagattgcta	gtcatagtgg	240
ctatgtgcag	attgactgga	agagagttga	aaaagatgta	aataaagcaa	aaagacagat	300
taagaaacga	gcgaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggattttgtg	ggaggctttt	tgctcggact	420
tgcatcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatat	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aatactcaat	tcacaactta	gcattttgcc	atctgaagct	tggcaaacta	600
gtatctgctg	taaaacaacc	tatatgggtat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3109

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3109

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gaatcgagtg	tttggccaca	gttcgggacc	tatggtagaa	aaatactcag	tagctaccca	120
gattgtaatg	gggtggcgta	ctggctgggtg	tgcaggattt	ctgttccaga	aagttggaaa	180
acttgacgca	actgcagtag	gtgggtggctt	tcttcttctt	cagattgcta	gtcatagtgg	240
ctatgtgcag	attgactgga	agagagttga	aaaagatgta	aataaagcaa	aaagacagat	300

taagaaacga	gcgaacaaa	gagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggattttgtg	ggaggctttt	tgctcggact	420
tgcattcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aataactcaat	tcacaactta	gcattttgcc	atctgaagct	tggaacaaacta	600
gtatctgctg	taaaacaacc	tatatggtat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgttttagaaa	ctagcctata	aaata	715

<210> 3110

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 3110

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gtttttcgaa	gatcaactca	agaagcaaga	gttagcccgga	gggtcaaatgc	gaagtcagca	120
aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcttgctttt	ccacacacca	180
gaacaattcc	ttgctgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	240
tgctagccac	tctctcctcg	taaacagggc	cttaacgcca	gctgctactc	taagtgtctg	300
tcagaattta	gtggttgaag	gactgcgatg	tgtagttttg	ccagaagatc	tttgccacaa	360
attnctgcaa	ctggcanaan	ctaatacagt	gagaggaata	gaaacctgtg	gaatactctg	420
tggaataactg	acacataatg	aatttactat	tacctatgta	attgtgcca	agcagtctgc	480
gggaccagac	tattgtgaca	tgganaaatgt	tnaggaatta	ttcaatgttc	aggatcaaca	540
tgatctctc	acttctaggg	atggatccat	acacatccta	ctcaaaactgc	atttttatcc	600
anccgttgat	ctttacactc	actgnncctt	atcaacttat	gttgccaaga	agccnattgg	660
ccatttnttg	gtccacacaa	agcntaaaga	cactggcctt	cttangetta	ccaatgcttg	720
gnttgcttgn						730

<210> 3111

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3111

ncttctaata	cttggtctatt	tctaatactt	ggctactttc	aaatccttgg	gnantcgtc	60
tctctnecat	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaaag	120
gtctacatgg	ngtaataaaag	gtatacatgg	tgtaataaaag	gatgtggggag	cacanatcca	180
taggaatttg	acagtntagg	aattgcttta	ttattcangc	ccttactctc	cagactaccc	240
tgctctattt	gaataatgan	gcttgtgggtg	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctgga	atgagtcac	gtnccectan	ggacagtant	360
nccaaattga	nacnnaaact	tnagaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccagac	ctnatntttt	agngattttg	aactcaatct	ttaanacctc	gnaacagaan	480
gananaaaag	gtgnatattc	gngnaatgac	atncaagatc	tnactgcnet	ctnggctnet	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnnccect	ntatttacca	ccttgcatcc	600
atgccatngt	ngaccttaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnaacttt	ccctaceng	ntgccctctt	taantccttn	attnaaaccc	tgggggtgaa	720

aatcctgana aatntaantt aanaatctng ntaccttttc cntananaan aactaacctc 780
nagcccn 787

<210> 3112
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (746)
<223> n = A,T,C or G

<400> 3112
nttntnnccct tnnnccanac tnaacncttt gcacttnctc tttntgcagg atcccatcga 60
ttcgaattcg gcacgagatt tgtaccaact gtaccatctg cttgttnctg ctccaaactt 120
ttacccactt gcttttggtta aagaggctcac ctgcgtattt aaaatatacct tttgtaatgn 180
atttgggaaa gtgccaaagaa cntntnnaaa tgggtggnaa ttgaaattga aagggcnttt 240
aattttcntt aanaaanacc ctnggaggng anataagggt tttatctggn atcagggntt 300
ccaatggcat tgntatanac gtggcnctgg ggcagggata aaatttaaaa aacncaatan 360
taagcctcct ggtgacatct ctgccctttt atagtccttn atctggcttg tttgcagggg 420
gcaagatggg tnaccacctg acgtnccttat gtggtcanna tggtatcaaa aggggntttt 480
ctctangacc ccctanaatt tgtggagctg ggttgatatca taggaaaatg caagctgtgc 540
tggtgtacac agctagagag ganaatgggt tggatgnnca cctgctntgc angangccna 600
tctcagttat tgctgangat aaaaagctng ccttggaatg gaanggaaag gctnmangaa 660
cttcccatgc nacctggccc tttttgggta tggncgggtg ccaaaacctg ancttggtnt 720
taccncngac aaaggngggg ggtttt 746

<210> 3113
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (755)
<223> n = A,T,C or G

<400> 3113
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gcacgaggtc tagtataatc ttgatgctca aaccagataa ggacaataca agaaaggaag 120
agtataggct aattctaccc aataactaaa tgaagtatta gcaaaccaga ttcataata 180
atctttttaa aatcaagaat taattggatt taggaatata acactgtgta taacaagttt 240
aagagaaata tatgagaatg ataagactgc aattgaaagt agaggctttc tctggaggga 300
aagggtgagga ggatgtgatt tggaagaaca gcatggggag gcatcagttg tattgtaatg 360
tttatttttt aagctgaatg atagggtacgt agatgttcat tgtgttcttt ttgccttttt 420
gtatatctta aatatatggt agtgccatga ttagcaggct taatagcctt gtgagtttaa 480
atgtcacttt caaatgctgt atttttgggt gagttgctta aacacattcc ccttggnatc 540
tatacaacca gttaaaaaaa atcatgtata naccacccat tgaaaatata atggaaatgt 600
actgnatatg ccattttcat gaaatgggtg tgtcaaagg gcttnttagg aaaaaaaaag 660
atcgtttaac tctttttgca ttttaagtga aaataagggt ggctttngga aatagtttca 720
acccttgctt aaccagtttt ttttttcatg cttnn 755

<210> 3114
<211> 749
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3114

ttcaaatacnc	ttgctacttt	cnaatcgctt	ggctactcgn	tctttctgca	ggatcccatc	60
gatgtcgga	ttcggcacga	gangtgtncc	nactgtgccc	tctgctngnc	netgctccna	120
actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcgng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggtatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncett	ttatagtccc	tcantcggct	tgtttgcan	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	gnggttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaatgggt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	cttttnggg	tatnatngtg	cccngncett	gaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3115

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3115

ttnaancett	tccccctttc	aaatnncttg	gctactngnt	ctttctgcag	gatcccatcg	60
attcgaattc	ggcacgagaa	gtctgttgcc	attccatctc	tgtgttaaca	cttcataattt	120
ttatgaaatt	cagataattt	gtgagaggct	ggcatggatc	taaggattta	ttatttttat	180
tctagtccat	cagttcagtc	gcagttttta	tactaggact	ttaggatgta	cataaatgtg	240
tgactgtttg	tcttgattaa	aagtgcactt	tggcctgggc	atggtggctc	atgcctataa	300
tcccagcact	ttgggaggcc	aaggcggggtg	gctcacttga	ggctaggagt	tcaagactag	360
cgtggccaac	atgaggaaac	cctgtctcta	ctaaaaatac	aaaaattagc	tgggtgtgtt	420
ggtgcatgct	tataatccca	gctacttggg	aggctgaggc	aggagaatcg	cttgaaccca	480
ggagggtggag	gtttgcagtg	agcccagat	tatgccactg	tactccancc	gtgggtgaca	540
gaatgagact	ctgtctcaaa	ttaaaaaaaa	taaaaaata	atTTTTTTTT	tttaaaagta	600
cccctttgnt	ggctggggca	cggcgactna	cgctgtaat	nccagcacat	tggggaggcc	660
aaggcagggc	agatcaccaa	ggttagggag	ttccanacca	gccttgcca	acatgggnga	720
aacccctgcn	tttactggaa	aann				744

<210> 3116

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3116

caatgcttgt	nntttnaanc	cttgnccctt	tcaaatecctt	ggctacttgt	tctttttgca	60
gggatcccat	cgattcgaat	tcggcacgag	acaaggtgct	ggcagtgaag	tgggggcaga	120
ctgagcctgt	gtagtgaagt	gtcttgagga	acgtcagctg	tatcttttag	gaaacccaaa	180
ctgcatagac	attgaaccca	ggcagaaggt	catgaagtca	gagctaagaa	atgctagtgg	240
ggataggggg	tgagatagag	ttgggaaatg	tttcagagct	acaggtgaca	gttgttgggtg	300
tccagttgga	tatgtacat	gaagggaaga	agcagtcaga	gtgggcacca	agctttctag	360
cctggaggac	tgaatggttc	tgtgcacatt	tcagatggaa	agaatagagg	cccacagaaa	420
gttaatgaga	tgcattttat	acataccagt	tttgaatttt	aaggacctgt	ggggtagata	480
tccaagatgg	ctattcccag	taattttgtat	ttatatcttg	ctacatcgca	gaaaggattt	540
gaagcttgct	aacacacata	agatataaga	attaaaaatag	gctggaccnt	gggaacctca	600
cacctgtaat	nccagcattt	ttggggaagg	ccnaagccgg	gttggatcac	tttgaaggtc	660
aagaantttc	cagaccaccc	tggccaacat	tggtnaaaac	ccccattcct	tattaaaaac	720
ttccaaaaat	tancaaagggt	gtggttggtnc	cttnccnta	atcca		765

<210> 3117

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 3117

gcttcaatgc	ttttcatttc	aaatncttgg	ctctttcaaa	tccttggnac	ncgatchcctt	60
tgaggancc	cancagcnnn	nntgcggaac	nggcttaacc	agttcgggac	ttacagnang	120
ctaccaatgg	nnnttgccc	nncgangata	nggatctcgg	ccacatggag	gttttgggnc	180
gggancttna	acgctacctg	cnacnnaatnt	tggntggnt	ccntgtnnac	nannttgtn	240
ttntgccaan	gggcactcan	tnatgcctat	actatnnngc	nnacancata	acgnnnnnct	300
cncnnnatgn	cttnacatt	ncncaatcat	tntgcntaca	gtatnatgca	tgatangcaa	360
gtagtactg	cntagtgaga	tanggacngg	atctnccnta	caatgtnang	ctgaanntnn	420
acacnnatgc	nacanactan	cntggnaatg	ggtataggac	angtnnnnta	gntcatgnnt	480
gactatgnan	nagtgcnnntn	gngannatgn	gatanntgan	cnnnncttga	agnttnaatg	540
gatgnatcca	gcnnatngna	atnngnnaan	cctcntacta	caagactgan	ataaatgnan	600
ttttgacgat	aatgctnaat	aatgnatcta	anatgnaant	taccatgttg	gnaaaccttg	660
gcccattgngc	anaatttnan	aaaagggttt	ggaaaattgg	aaatggattg	ngtagcaatt	720
aaagcttttn	tacccttang	ngcccnntga	cctcncnngg	gnattganat	naantgnntt	780
ccggaatttg	gcctctgant	attttngctt	ataaatccnn	nttgnccagn		830

<210> 3118

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3118

tttcaaatng	cttggctact	ngttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcctggac	cgctcattcg	gactcgtcgg	gcagagcttt	tgtgctgnct	tgcaccagga	120
actcagagaa	tactatcgat	tgctctctgt	tttacattct	cagctacaac	tagaggatga	180
ccagggtgtg	aatttgggac	ttgagagtag	tttaacactt	cggcgccctcc	tggtttggac	240

ctatgatccc	aaaatacgac	tgaagaccct	tgcggcccta	gtggaccact	gccaaggaag	300
gaaaggaggt	gagctggcct	cagctgtcca	cgcctacaca	aaaacaggag	acccgtacat	360
gcggtctctg	gtgcagcaca	tcttcagcct	cgtgtctcat	cctgttttga	gcttcctgta	420
ccgctggata	tatgatgggg	agcttgagga	cacttaccac	gaattttttg	tagcattcag	480
atccaacagt	taaaacagat	cgactgtggc	accgacaagt	atactttgag	gaaaatcgat	540
gattncttcg	tttatgaacg	atggatcaag	tctangaaaag	gtccttttga	taggaaaatc	600
aattaaattt	cttgcccaag	gtttggccat	gatcagactt	cccacnttca	aaaganggat	660
nagcttggtg	aaccaanttc	ttgcagangt	caccccaagg	aatgcttgna	anacctnttt	720
cccananctt	tggnaaat					738

<210> 3119

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3119

gntttctaata	cttgggngnt	ttcaaannct	tggcnntttt	cnaatgcttg	gctactngat	60
ctttntgcan	gatcccatcg	attcgaatcg	gcacgaggag	ttttttgtga	tattgaggca	120
ttcatacaga	gctgcagtta	gacgggggta	cgggggctaa	aagcagaaaa	aaaattccat	180
ttcatcgga	tggaaactgaa	ggattttatt	ctataaaagcg	gccctggttg	aatctggcaa	240
ttctttttgc	caagatccct	agcagaagat	ttagccatgt	ccttcccctc	acttgtgtga	300
gtggccccct	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420
tgctccataa	acctagcccc	attcttcata	tcaattttgt	ataaatatat	agaaacacac	480
acacagcctc	agacttacaa	actgattata	ctctaaaagt	ttgtatgtca	gttagctaaa	540
acttcagaat	acattttctt	cctataaaag	agttttaaat	gatggttaag	ttcttcaagg	600
cagntnncna	anggcctatt	tntncccaaa	agggccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	ncnccntggg	ggaagtgncc	natttnnggg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattcccann	780
cnataangag	aagg					794

<210> 3120

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3120

ntntnncct	tnnnccanac	tnaacncttt	gcacttnctc	ttntnagcag	atcccatcga	60
ttcgaattcg	gcacgagatt	tgtaccaact	gtaccatctg	cttgtnctg	ctccaaactt	120
ttaccactt	gcttttggtg	aagaggtcac	ctgcgtattt	aaaatatact	tttgtaatgn	180
atttgggaaa	gtgccaaagaa	cntntnnaaa	tgggtggnaa	ttgaaattga	aagggcnttt	240
aattttcntt	aanaaanacc	ctnggaggng	anataagggt	tttatctggn	atcagggtnt	300
ccaatggcat	tgntatanac	gtggcnctgg	ggcagggata	aaatttaaaa	aacncaatan	360
taagcctcct	ggtgacatct	ctgccctttt	atagtccttn	atctggcttg	tttgagggn	420
gcaagatggg	tnaccacctg	acgtncctat	gtggtcanna	tggtatcaaa	aggggntttt	480
ctctangacc	ccctanaatt	tgtggagctg	ggttgatca	taggaaaatg	caagctgtgc	540

tggtgtacac	agctagagag	ganaatgggt	tggatgnnca	cctgctntgc	angangccna	600
tctcagttat	tgctgangat	aaaaagctng	ccttggaatg	gaanggaaag	gctnnangaa	660
cttcccacgc	nacctggccc	tttttgggta	tggncgggtg	ccaaaacctg	ancttgttnt	720
tacccengac	aaaggngggg	ggttttt				746

<210> 3121

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3121

gccccctttca	ttcaaactct	tggtactctg	ttctttntgc	aggatcccat	cgattcgaat	60
tgatgagcct	tattaactat	cttttcatta	tgagacaaag	gttctgatta	tgccactagg	120
ttgaaatttt	ttaatctagt	caagaaggaa	aatttgatga	ggaagggaag	aatggatata	180
ttcagaaggg	cttcgcctaa	gctggaacat	ggatagattc	cattctaaca	taaagatctt	240
taagttcaaa	tatagatgag	ttgactggta	gatttggtgg	tagttgcttt	ctcgggatata	300
aagaagcaaa	atcaactgct	acaagtaaag	aggggatggg	gaagggtgtg	cacattttaa	360
gagagaaagt	gtgaaaaagc	ctaattgtgg	gaatgcacag	gtttcaccag	atcagatgat	420
gtctgggtat	tctgtaaatt	atagttctta	tcccagaaat	tactgccttc	accatcccta	480
atatcttcta	atnggtatca	tataatgacc	cactcttctt	atgntatccc	aaacagttat	540
tgtggcattt	aataatggaa	tgtncatggg	aattttccca	ctggccttac	ctttctgncc	600
ttggggaagc	ttaaactctg	gaatcttctc	aatctgtaaa	atggggaatt	aaaagtatct	660
acctaatga	gttgggaatg	nanntgaaaa	gaaaggccat	ttttntaaa	tcttgggaatt	720
tagccaagcc	caentccgat	tttatggccc	tttcccatng	ccctggantg	nnn	773

<210> 3122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3122

nctctttgac	ctcnnttggc	tactngttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaataatta	aatagatacc	atttgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagtg	cagtggcctg	180
atcttggcgc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	cagggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntnctnnn	nnannntaat	aaaaaactnn	720
ggncccttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3123

<211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3123

nctcttttgac	ctcnnnttggc	tactngttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaataatta	aatagatacc	atttgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccce	ggttggagtg	cagtggcctg	180
atcttgggcg	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcttgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccagaa	420
ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	cagggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntnctnn	nnannntaat	aaaaaactnn	720
ggncctttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3124
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3124

tcccnagant	ccatncgttt	ggcnactcgt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagt	gttctttag	tgtttggtgc	tattgttaga	aagattatta	gtgatatgtg	120
gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggtttaccat	gcattgcaat	tgtagcata	tacagccctt	ggtattttta	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
atttggatgg	ctcttttgca	aagtnatcc	tggtgctatt	gtgtttgcta	tattancagc	360
aatgtcaata	caaggttcag	caaactctgca	aaccagtggt	aatattgtag	gggaagttca	420
gcaatttgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgtttgcnng	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccattg	540
tgaatcatcc	acattatgaa	gacgcattgt	tganagcccn	aacaaaaaat	angttttact	600
naaatgtata	ngtacgggaa	aggcacnccg	anggaaagtg	aaaacgagga	actngattaa	660
agttnaaaaag	gtggaactta	ttancattnc	ctatanaant	agttcatggg	tgtgntaaan	720
aaaggatccn	aagcccctgg	tttgcangtt	tgccctggaa	antttggggg	atgttnggaa	780
gaanacctng	cccaaattggc	ttgggggcaaa	aacnttccct			820

<210> 3125
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3125

ntcctctntt	gccttcgntt	ggcnaettgn	tcttttttgc	ggatcccatc	gattcgggtt	60
agcaatatga	atataatgcc	aagtactgat	aaaatacggg	attcatttag	aatcaacata	120
ggtagacaga	ctgttttttag	taagggtttg	tttttttggt	aataccatgt	ttgggctgtc	180
agacttactt	ttcccttgag	atccatattt	tgtacatgac	ataccagata	tatgcaatat	240
gaaacggaaa	cagttttttca	atctaataatc	caggagtttg	tgtaataatc	ttgtgaactt	300
gtggctcttg	gtatctggca	ttgataaggc	tgtctactaa	tcctagagaa	agggaagtag	360
actccgtttt	aaagtctagt	ccagtcttat	tcttttagttc	atagaaatgg	tctaagttaa	420
tgatagactc	cgcacttatg	ttcagaaagc	atcatcatta	cagctttggt	gaagggactt	480
ctgagtaang	attatgtttg	cgtctcctgt	tggtggaagg	cccatgaagc	gtaatttcct	540
nctcaccatg	ggcttcttta	ttattgntga	gttttttcata	ctcanggatg	tgaattcaac	600
cttgggtgtt	ccagttcaga	gaaaatatatt	catgaaagga	tgaagtgttg	gttcaattct	660
aggaccagna	ttgagtggca	ttatattcca	gangtcctta	tgggaaatgc	tgggatttat	720
tgagtnggtt	tnncaggnca	ttttcgntccc	ntttgcctcg	ggactaacta	anacan	776

<210> 3126
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3126

gcctccttct	ttcaaaacnc	ttggetactn	gttctttttt	caggatccca	tcgattcgaa	60
ttcggcacga	ggccacacgg	gccgcatcat	ncctgcaatc	tggttcogct	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgnt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgccggcat	nctggactca	tgcactttca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacacccagc	300
ctaattggccg	angaccctgg	gcacgcgccag	ccttgccctcc	agtgcctgt	ntnctttggc	360
cctcaatctg	gncccaaate	tggctgtgtc	ccaaagggtg	tgtgggaagt	gggggggaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccccttn	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcacagg	atcttggggg	accctccta	aggagaagct	tgcagtctct	600
tcnntaaggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattagggt	nggacaccat	ttaaatgaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttggggggt	780
tttaagcctt	ttggggaccc	aggnttggcn	nnt			813

<210> 3127
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3127

gnnttnnnnn	nttttcaant	nnnggctctg	ntcttttgca	ggatccctcg	attcgaattc	60
ggcacgagcc	tagtcccaga	gtcctggagc	ggcatactgg	gggtggctgt	gcagtcccag	120
catccccaac	ccagcatgta	tagagagcat	ccatcccttac	atccagctga	cccatgcccc	180
tgctcctccc	tgtggctgga	ggttcaacaa	taacataagt	ctcttctttg	ccctccagat	240
atttctccct	cgagtggctg	ggaaacttgg	caagagacca	gaggacccaa	atgcagaccc	300
ttcaagttag	gccaaggcaa	tggctgtgcc	ctatcttctg	agaagaaagt	tcagtaattc	360
cctgaaaagt	caaggtaaag	atgatgattc	ttttgatcgg	aaatcagtgt	acccgaggct	420
cgctgacaca	gagaaacccc	aacgcgagga	aaggaatggc	cagccacacc	ttcgcgaaac	480
ctgtggtggc	ccaccagtcc	taacgggaca	ggacagagag	acagagcagc	cctgcactgg	540
tttcccttca	ccacagccat	cctgtccctt	cattggctct	gggctttcca	ctatacacag	600
tcaccgtcca	atgagaaaca	agaaggagca	cccttcacat	ngactccaac	tgcaagttgg	660
acagcgacat	tcaatcctgn	actggttaac	tggggttact	ggatgactcc	tggttgcca	720
ccatnctttt	tgactggga					739

<210> 3128

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 3128

ntgcttcctc	tncnnaaccc	tttggnaact	ncctctttnt	gcaggatccc	atcgattcga	60
aaatatttta	gtataagcaa	ttggctgtga	tgctcaaatt	tattgcatcc	tcttattgaa	120
tttgccaatt	tgtaattttt	gcataataaa	gaaccaaagg	tgtaatgttt	tgttgagagg	180
tggtttaggg	attttggccc	taaccaatac	attgaatgta	tgatgactat	ttgggaggac	240
acatttatgt	accagaggc	ccccactaat	aagtggtaact	atggttactt	ccttgtgtac	300
atttctctta	aaagtgatat	tatatctgtt	tgtatgagaa	accagtaac	caataaaatg	360
accgcatatt	cctgactaaa	cgtagtaagg	aaaatgcaca	ctttgttttt	acttttccgt	420
ttcattctaa	aggtagttaa	gatgaaat	atatgaaagc	atttttatca	caaaataaaa	480
aaggtttgcc	aagctcagtg	gtgttgnatt	ttttattttc	caatactgca	tccatggcct	540
ggcagtggtta	cctcatgatg	tcataatntg	ctgagagaag	caaattttct	ttcttttctg	600
aatcccacaa	agcctagcac	caaacttcct	tttttcttcc	tttaattaag	atcataaata	660
aaatgatcct	gggggaaaaa	ngcatctgtc	aaaataggga	aaacattccc	aaaactggag	720
ccactcttct	tgtgcaccta	anccatagct	tggtgaccaa	acaagatngg	ttgcttcaag	780
gn						782

<210> 3129

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1407)

<223> n = A,T,C or G

<400> 3129

acnnnacnnn	gnaagnnacn	ngaanannng	naanngacna	anngnanagn	gnaananaag	60
gnnggggnga	gaccnccagn	nggnngccan	naaccccntg	ggnaaanngc	cnananngca	120
ggaacccanc	gnangnaaan	nnggnannga	ggcagagnac	ccgcaggaan	cnnnaacann	180
gannacagggc	aggaaacnna	caaaaaggag	ganngngaaa	acaaanacan	acagngaggc	240
caaagnaaaa	aacatcagna	nncgcnnana	cagnncangn	annccaagga	anaanaaggg	300

aagganaaac	aagnngnnna	aaagaacaaa	ggagngaang	ccananangc	nnagcnaann	360
naaacaaana	cggggganaa	ggcganaanc	nacngnanna	nngcaannag	aangaannan	420
acgnnngacg	gcgannagna	nggacagcgn	agannnnann	nnnnnaggan	nnnagnacan	480
agnnnacgan	cggcacanan	ggcgganana	gnnnngancac	angacacaan	acanacacga	540
ncaggcnng	annanacacg	gaagcaaagn	agaagngcag	aaagananna	gaancancnc	600
cgagaggcan	agncacagna	gnnanngcan	agnncnanna	gnanagna	agcgacagag	660
nnncgaagcn	gagnaacaca	caangaaanc	agannacgag	nagacggang	aaaggggaaga	720
caaagagaga	ggngangaaan	gaaagaaaca	gagagngcag	aagacncnng	agagaagaga	780
gacagnagna	ngagancncg	cnnacngana	nganaagaca	nagaaanaga	gngcgnagag	840
acnanaggga	gcgaacgcag	anangagaan	agacngaana	aagaggagca	aannnnagnn	900
ngaannncac	gaggacagan	cncaacaagn	ncnnaggcan	acgaaaaanan	acaggacgag	960
gangnnacan	agcgcganna	gncncanngn	agcgcgaaacg	aggannanag	agaacagcga	1020
nagaganngg	aagggcgagac	anaggnaaaa	ggggganaca	cacgagangc	gacacaggan	1080
aanngcgagg	acggacnggg	nggggagaga	aaacgngcga	ncnggnaagg	agaagnanna	1140
aggagaggan	nagacgcagc	nagananang	nagnanngaa	agcacannga	cggaaacangn	1200
ngcacgagca	ggcanacnaa	anaaganggn	angaaggaan	agannncaag	ngangaaacn	1260
gaaagaggna	aagnncngan	gagngnacca	gacgcagaan	nnagnacaca	agagaacnga	1320
gagagancga	naggagaagg	gagnganaga	naagaagaaa	agcgggnaac	aaaaaacang	1380
ncncccnag	acaaagnggg	nggcgng				1407

<210> 3130

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (876)

<223> n = A,T,C or G

<400> 3130

gtcccttttc	nntnaatccc	tttgggtctt	tctgcaggat	ccctcgattc	gaattcggca	60
cgagatacaa	atactacgtt	ggacgcaagg	ctatgtttga	cagcgatttt	aagcaagatg	120
ctgggttatgt	tgacatagga	aatggagatt	aggacaacat	ttagttcagc	gactgacttc	180
atgacctaca	catnccgcgt	ggagatgact	tagaagcagg	ggatatgccc	ttggacctgg	240
tgtcaaagct	ctcgtttaaa	cagcctcggtg	cagtgtgtcg	ctaccacaag	agctcctgtt	300
taaacagcct	cgcacggcgt	gtcgcttgcc	acacctgaca	ctattggatt	agtttacgtt	360
gctgangagt	acctgtcatt	tgcctttgag	cattgtcacc	cgtnttaggt	ccgaannaac	420
caaatgggt	tggatnctng	gaccttntt	tggctttccn	gtnaaaaaat	ggctttttgg	480
ggntcanaat	tgcccnctt	gggggggag	ctttnctga	aaaaaaggtt	tntnccctnn	540
gntgccnaan	tttttggcgg	gaaantttac	cccnannccc	ttttaaaccc	aangggcnaa	600
acctnnmttg	nttgntttca	aacaaaggcc	cctttggnaa	aaaccccggn	nggncntttt	660
tttaaatnnc	cttgggngga	nnttttctc	antccnngga	aaaaccttta	aaantnnttc	720
cccttanang	gaacctttt	nnaaaaaaa	gnggttttcc	tttaccngaa	anccccnccg	780
attttttttg	gnatnnttna	tagggttccc	tnnaaattcn	ancccgntnn	nntgcccntt	840
naantnnaat	canntttaac	nttnncnnnn	naatcc			876

<210> 3131

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3131

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nnngnnnnnnn	nnnnngnngng	gcgtttccnc	tttnctangn	tgnaaaaaaa	acccgggtttt	120
tggggngaaa	aanngcccn	agcccnaggg	gaatnccnc	aanncggnna	annngcggn	180
aaaannncgg	ggcnacgga	ggggngana	gaagnnnngn	aaggggaggn	ggngggcngc	240
gggnnnaggg	gatagggaaa	aggngaanga	ggngcnnggg	gggganngag	ggnnnggang	300
accggangng	aggagggcng	ngcagnggga	nnnacggagn	ggggcangnn	gancgangaa	360
ggcgngagng	ggaaanaaaa	ccngggagan	ggnggctgna	gnaannnggn	nnaggatggg	420
aggaaaaanc	atanaaaaana	ggngccngna	ggagagaaatn	gnccccngng	ganggggnngg	480
gnacggggna	angnnnnangn	nagnnggggg	nngaagcggn	ggaannnagn	gggnaagnngn	540
gnnngngagg	ggngcgcnag	gagagnggng	gngnggngggg	agganaangn	ncngganccn	600
gagnngggga	ggaagagngg	ngggganngn	nnggangang	nggnngnngg	ganngggng	660
anaggngnnn	nngggngnna	tcaggcnggg	gagaggangg	aagcnggcgg	nncgnggnga	720
ngagcagggcn	gngaggnnnc	nngnagagcg	agnngnnngc	nancggnnna	gagnggagtc	780
nnagngngga	ngngcgaggn	nnagngcnnn	gagngngnang	ngnagagngg	ngnnnnnnnag	840
ngngcnangn	ncnnnggngg	nagcntgngc	nngngggaaag	gangnnngngn	ngaggnnnaag	900
nnaggnngng	gngagngcg	nagnggcg	acagncgggg	nggnnnngagn	nganangnag	960
ngnggggng	angagngcg	ngantgnncg	anggcgcngn	cgggggagag	naganngnng	1020
ggnggagng	ngcngnnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg	1080
angnggnnan	acggcgnggn	gngganggnn	gacnngagng	gagggngngag	gagagnggan	1140
gggggggngn	gcnnnggnagg	ggnaggngcg	agnagncnac	angangggga	gngcg	1195

<210> 3132

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3132

nnnnnggggnnn	nnnnnnnnnnnn	nnngggggggg	ggggggnngga	nngngggnngn	ngnnnnngnng	60
nnngnnnnnnn	nnnnngnngng	gcgtttccnc	tttnctangn	tgnaaaaaaa	acccgggtttt	120
tggggngaaa	aanngcccn	agcccnaggg	gaatnccnc	aanncggnna	annngcggn	180
aaaannncgg	ggcnacgga	ggggngana	gaagnnnngn	aaggggaggn	ggngggcngc	240
gggnnnaggg	gatagggaaa	aggngaanga	ggngcnnggg	gggganngag	ggnnnggang	300
accggangng	aggagggcng	ngcagnggga	nnnacggagn	ggggcangnn	gancgangaa	360
ggcgngagng	ggaaanaaaa	ccngggagan	ggnggctgna	gnaannnggn	nnaggatggg	420
aggaaaaanc	atanaaaaana	ggngccngna	ggagagaaatn	gnccccngng	ganggggnngg	480
gnacggggna	angnnnnangn	nagnnggggg	nngaagcggn	ggaannnagn	gggnaagnngn	540
gnnngngagg	ggngcgcnag	gagagnggng	gngnggngggg	agganaangn	ncngganccn	600
gagnngggga	ggaagagngg	ngggganngn	nnggangang	nggnngnngg	ganngggng	660
anaggngnnn	nngggngnna	tcaggcnggg	gagaggangg	aagcnggcgg	nncgnggnga	720
ngagcagggcn	gngaggnnnc	nngnagagcg	agnngnnngc	nancggnnna	gagnggagtc	780
nnagngngga	ngngcgaggn	nnagngcnnn	gagngngnang	ngnagagngg	ngnnnnnnnag	840
ngngcnangn	ncnnnggngg	nagcntgngc	nngngggaaag	gangnnngngn	ngaggnnnaag	900
nnaggnngng	gngagngcg	nagnggcg	acagncgggg	nggnnnngagn	nganangnag	960
ngnggggng	angagngcg	ngantgnncg	anggcgcngn	cgggggagag	naganngnng	1020
ggnggagng	ngcngnnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg	1080
angnggnnan	acggcgnggn	gngganggnn	gacnngagng	gagggngngag	gagagnggan	1140
gggggggngn	gcnnnggnagg	ggnaggngcg	agnagncnac	angangggga	gngcg	1195

<210> 3133

<211> 791

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 3133
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 angatttnca ngaaaaataa ccaccgggtg gggantaang ngcccaaant cnngtcctaa 120
 atgcncagct ttatgtncctc tgtccaccat ctngngcctc ttctccattn gcctcttcct 180
 tcctatttcc ctcccgctaa ggaaaaaaat nggggtcnca ttngtaaaag taattttaat 240
 agttaatcat ctctgagagt aacctgtatt ttaatngttg aaccttaacc aaantaagat 300
 nctgtctnag ctagggcttg tcatttgtgt atttagtggt aagataggaa tgctagtgtc 360
 tctttaatta attggaaata gatggaggct aaaaatgaag gtttttcttt gaaactgaat 420
 taacttgagg atatttgttg ttaaaacttc ttttgcacca aaataactca ttttgnatta 480
 tctgaaaata tataatttct ggcattgtgt tgtaaaaata gaaaattttg aggaaaaatg 540
 gaaatagggt ggaaaagtag tcggtaaaaca gtagtaacca aatattttca ctccagattt 600
 gngttttctc ttggcaccag agtagatctt ttgggaaaat atattatgaa aagtnggatt 660
 aaagtttgga ctacccttat ggtagcccc catctgggat gagaacnggt taccaaagga 720
 gtttngggcc tcttaagggt gatttgggtnc ccagtgggg tcaacttttt gcnaaaattn 780
 ccgnaatggg g 791

<210> 3134
 <211> 781
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3134
 ncctttcaaa cgcttgctct tgttctttnt gcaggatccc tcgattcgaa ttccggcacga 60
 ggtgaacacc cgctgatcct ttaacaagga tttctggcag gaaactcaca aaanggagaa 120
 ctgaaaattt agacatacag ttggccattg taaaaaacat cagtttctc tcatacattc 180
 caagtaaacc aagtaaaata agtggtggag taacacttgc ataaaagaat ttaaggagtg 240
 atagctcttt ctgttctgcc attcccaaca ttcttgggg aaaggagact caatgagtta 300
 atactatttc actgagccca agatggaaac ttgggttgac ctaaaacatc tgattaatat 360
 aggctagctg atttcttaaa aattcgttgc attgaaggat attttgcag tctgtaacac 420
 nngncantcn tgggtggant ggattcnna tntnntnca ntnnnntn nntaattggg 480
 caaatnantt tngcnntaaa tantncngnn tcctnnngnc aaaatcnnga atcctnaggg 540
 atgggtccaac cccttttatg gntggcctga aaangngaag aatggggaat tcctnttaaa 600
 cntttccatt caaaaaaaaaa aaaaaaaaaa cctnggccct ttttnnaactt ttngggngc 660
 ccgttttccc ttanaanccg accttgata ggaaccattg gatgaatttn ggccaaancc 720
 ccaacttgga atggcnntgg aaaaaaaagg cctttaantt ggggnaaatt tggggaaggc 780
 n 781

<210> 3135
 <211> 760
 <212> DNA
 <213> Homo sapiens
 <220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3135

tcnctcctna	aatcggtggc	gctctcttgc	aggatccctc	gattcgaatt	cggcacgagc	60
tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggg	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acggggaatc	ctgagatcag	agtcctagtt	360
tggtcttgtc	tcttgtagca	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattcccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcatccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcacttg	atcttccccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtgg	ttcccacttg	aatnccaaat	aaagttcgaa	tcccttanaa	720
tggcattcac	agccttnnac	ttctggnccc	acttttatnt			760

<210> 3136
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3136

gcctccttct	ttcaaaacnc	ttggctactn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggccacacgg	gccgcatcat	noctgcaatc	tggttccgct	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgnt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgcccgcac	nctggactca	tgcattcttca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacacccagc	300
ctaattggcg	angaccctgg	gcategccag	ccttgccctc	agtgccctgt	ntnctttggc	360
cctcaatctg	gncccaaata	tggtctgtgc	ccaaaggggtg	tgtgggaagt	gggggggaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccctttn	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcacagg	atcttggggg	accctcccta	aggagaagct	tgcagtctct	600
tcntaagggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattagggt	nggacaccat	ttaaatgaat	ttgggtttac	720
ttccccctgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttgggggct	780
tttaagcctt	ttgggggaccc	aggnttggn	nnt			813

<210> 3137
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3137

gntcaataacc	tgctactgnt	ctttntgcgg	attccatcgt	tcgttcttca	tgtttatatt	60
tcagagttct	taatagtgat	acttaaatat	actatTTTTT	ccctgtactt	tcgaagattt	120
ggatatgagt	tttcagattt	aaatgtggga	actcatttga	gtataatccg	tgaacagcat	180
ttgttcaaca	catttttggg	gaggccctgc	tatatacaag	tcattttcca	agtcctactg	240
aggtattggg	gttatccaga	ttgtattatg	gagaagctag	tggtctttaa	gaaataaaga	300
aataaggcta	aaactcttta	acagggtaga	aaggggcagt	tcatagggga	gggaaatagt	360
atagaacatt	catcctagga	atacaagtga	aatcactcaa	attacatgt	agtcaatata	420
cagattgntc	agtgcctcct	atgtgccag	cagtgtgcta	ggcccaggga	tacaatgaag	480
aagaaccctg	ccctcaaaaa	atgcagccta	aaagttttct	tatggaaact	ggaaatcaag	540
tttgggtctg	gcattagagg	cttttcttaa	tgtattcacc	tggtgtgttc	aggtantttc	600
tgaagatata	gaaatgtttg	atgaaatgaa	tgaagatacn	gaatgggtang	attccagtat	660
caagctctat	ctcataacag	ttacatttcc	tactaccttg	caaaccctnt	ccntactatt	720
atttaataacc	ctttttttcac	cccn				744

<210> 3138

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3138

aanccctttt	tnnangcgnt	tecntncanc	tnaaancgnt	tgnaactcnc	nctntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	aagaatttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtgggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtaggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	gggtggatgan	540
gttgaggttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtcittccc	600
attcacttct	ctagaaagct	gccaagacag	aagcagaaag	aaatgggatg	atagtctctg	660
caaagcacac	ttctggntct	ttagaacctt	agaagtgnnt	ctaagagaac	agaagttatt	720
aagaagaaac	nagntacgtg	tggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3139

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 3139

ttcattccct	ggctntgntc	tttttgcagg	nacccatcga	ttcgaattcg	gcacgagggtt	60
aaactgtcag	tattggatct	tagaagtaaa	tgattattag	gactgtaata	gtaattatta	120
ggactgtaaa	aggtaaagga	ttattatctg	cattagaatt	tcntanatct	aaaggatttn	180
ganactngag	acntttannn	ccaggnntct	tttccnaaan	tcnnaaatte	caaattcatt	240
ngaantnggg	aaagtgatgg	gggnacaant	ngcntnncnat	ccagggnttc	taaanngn	300

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ncanntggcn cncnnncgnt aaanntactn tantntnecn tgagcccn gn taaaaaactg 360
ngttaccctc tgacgactag tggngattat cnatttttnc ccttnanccg gccctnattt 420
cttctaacc cccacnntgc cttntnngat ttaaanaacc ttttggngc aattccctnc 480
ctntccta atangcccc cngangagtt ttatccnccn gnggnaataa attnccccca 540
aggggaattg aatccaancc ccccaaanaa attnngnmcc cccccctttt aatnggnctg 600
nnttgggntg ggnaaaaanag gnttttnttt atccaaagcc nggggttttn caataaanna 660
gntnnccngg ncccaataat atttttaaaag ngcnacccct ttttnnnana aanccttttc 720
ccccctttt tttcnagggg ggggggntat tccannnggn nnaancectn actgnnaggg 780
ggccaatnt aaatgcencc ccccttggcc cttcaccccc aaccctntt tntntttnt 840
tttttnnacc naanncaa atccgnttttt ggggttncccc c 881

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<210> 3140

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (725)

<223> n = A,T,C or G

<400> 3140

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nttcnatacc ttntctactn gntctttttg caggatccca tcgattcggg ctcagagggg 60
ttatgattcg gaggggttctg ccgcacggca tgggcccggg cctcttgacc cggagccagg 120
cacgcgcaga ggagcttttc tctgggtaaa gttgaggacg acagagggta ttgtggttct 180
gggttgtecc caacctccga ctgtgtgtcc ttcaggaccc gaaaccatgg cccacactgg 240
caggacagtg ggtcggtctg gggaaggggg ttagcttacc taccagagct tgtaggggct 300
gtgcaggtgt atggctccca aggcggccct tttcaggtgg caggtctcac atcattctcc 360
atttaagctt acagtcagac tgattgataa tcgggtggcac agatgtgcat taagtctgc 420
ccgtgttcag gatgctgtac ttagtgcgtg tgcggtaaaag gagtgaagag aagacgggat 480
tcagtgaatg ttctggaaaa tggctagagt gtacctagag agggaaaatt tcaatagaca 540
gtaggccagt tcaagactgg atagaagccg ggcgcggggc ctgtaatcct agcactttgg 600
gangtcaagc cgggtggatca cctgagctca aganttcgag agcacctgac caacatggtn 660
aaacaccgct tttctaaaaa tncaaaaatta gctaggtgtg gtggtgggct cctgtaatcc 720
aggac 725

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<210> 3141

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 3141

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ctaatagctn ngccnactcg ctctttctgc aggattcctc gattcgagaa catgaaggta 60
gcacagaaaa agagatgctg tcttgcaggg aatgttttat ttcaggaaag atatttgcaa 120
aggtggcaat gcagtgggtg atgggtgtgg caaggcccaa acagcacgga gctcgctgca 180
gaggagtaca ccctcatgag catagacacc atcatcaatg ggaaggaagg tgtgtttcct 240
ggactgatcc caattctgaa ctcttacctt gaaaacatgg aagtggatgt ggacaccaga 300
tgtagtattc tgaactacct aaagctaatt aagaagagag catctggaga actaatgaca 360
gttgccagat ggatgagggg gtttatcgca aaccatcctg actacaagca agacagtgtc 420
ataactgatg aaatgaatta tagccttatt ttgaagtgtg accaaattgc aaatgaatta 480
tgtgaatgcc cagagttact tggatcagca tttaggaaaag taaaatatag tgggaaagta 540

```

aaactgactc	atccaactag	acattctaca	gaaagaaaaa	atgcattatt	gacgaactgg	600
ctacagtacc	atgcctnttc	anccagcccg	gtgtgtataa	tatgaaagac	canatgatag	660
aactgtactg	ttttctgggc	cagtgaacca	gaaattggat	taangctttc	tttggtangg	720
taaatctaga	agttttatata	ntggn				745

<210> 3142

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3142

tttaagccct	ttctactnct	cttttgcagg	attccatcgn	ttcgaattcg	gcacgaggat	60
ctctatacta	gtgaacagtg	ccagttccac	actttggact	tagaactggt	ctctagttat	120
tgtaacacag	aatactgtca	atccctaatt	tacttaattg	tacttattgg	aagtggggct	180
gatgaaatac	gcacaggagg	gaaatctact	gtgtttaggc	acaggcagnc	ccagtgtata	240
aggagatcat	attccaaang	gttgtcagtt	ggntgtttgc	aacctggaat	gtattttcct	300
ttagagacca	ngttatccat	ggtggttagg	cccctagagc	agctggaaaa	agatgatcaa	360
accaataggt	tngtcgacat	cnaataatgt	aataagtttg	ctaaaggaat	ctaccatcaa	420
atntnatatt	gnttccaggg	aaggttgttn	nttaanntnc	cntcttngtg	ncatantgga	480
cnntcccntn	ccagtcattnt	nentnannnc	tngggcnngt	ntngnnttng	tntntttngn	540
cnntcnanca	atatttcata	tcnccoctng	ctaaaattct	ttnanannaa	nttctcantt	600
tctcccttta	ctanaanttt	ngtntttntt	ccntttanta	tttnnncccta	tntntntcgt	660
tcnnanattt	cattnnntnn	ttntnngctn	ntnnatcacc	cttanctcnn	tctcanntat	720
cntnntenta	ttatctctnt	attnntcnet	tntnatnate	nttccnnntt	gtntanncna	780
ttatntcttg	ttntntntct	cncatctctn	tcntntttct	ngctnannnn	actccnnnnn	840
tcncnctent	nnnnanattc	atatnctnct	ttngntatat	annnnntnt	ntacntanct	900
cnnnatnnca	tnncnatatn	nttngt				926

<210> 3143

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3143

tnaagnccct	tctnttgctc	tntttgcagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtgggtgtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatattt	tggcctatca	aaaacagtgg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccagggtctta	gaggatgtag	accagtgtcg	240
tcaagctctc	tctcaaagac	tgggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctgggtatttg	gccatctata	caccattctt	accacacaa	tgacaaatga	360
tgaactttct	gagaaggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttagt	tgtagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttggtgtca	540
gaatttttaa	acccaaattt	actggctttt	tggaaacctt	cnaaattata	ttaatgggtat	600
cttnatgnat	tgtgccttta	taattggcna	ttttgggggn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttaa	antcnggaa	taatgntnng	gnaattcctg	nnattccttg	720

gnnaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
 aaaagncttt taaancaaac ctggg 805

<210> 3144

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 3144

gtnccttngtg	ncntctcngna	actccctctn	tctgcaggat	ccctcgattc	ggagaggagc	60
aggtgcagtg	attcataccc	actctatngc	ttttgtgatg	gccacccttc	tctttccagg	120
acgggagttt	aaaattacac	atcaagagat	gataaaaagga	ataaagaaat	gtacttccgg	180
agggtattat	agatatgatg	atatgttagt	ggtaccatt	attgagaatn	cacctgagga	240
gaaagacctc	aaagatagaa	tggctcatgc	aatgaatgaa	taccagact	cctgtgcagt	300
actggtcaga	cgtcatggag	tatatgtgtg	gggggaaaca	tgggagaagg	ccaaaacat	360
gtgtgagtg	tatgactatt	natttgatat	tgccgtatca	atgaagaaag	taggacttga	420
tccttcacag	ctcccagttg	gagaaaatgg	aattgtctaa	gccaaaagaa	agtctaatta	480
tatacagaga	taaagctaaa	cgtaattatt	atttaaata	aagctatttt	tttaaataaa	540
attggaaatt	ttttcatgga	tgccctnctaa	atttggncac	ttaaataacct	gcaaaaatgg	600
gcncctctgg	aaacctcttc	tgaccatttg	gaatggtaat	tnggccttaa	taattccttn	660
aataaatttt	ttaaaaatga	angggcccc	agnnggaaaa	attggnaaaa	aatttttnaa	720
tancntccna	anggtnnnct	ggggntaaat	tttttttaaa	aatcccttt	aaaccagccc	780
aaaaattatt	tttggncctt	ttaaatttcc	ctttnnntna	aaantantac	cntcttcagg	840
aagnaaattc	c					851

<210> 3145

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3145

gctcnatgct	tngcnatcgc	ncctttgcgg	attcatcctt	tcgggaactt	ttgaagagaa	60
aaattcgagc	tagagggtatt	cttaaagcct	taagttactt	gaaatctatg	tatttgcaac	120
cctttgtctc	tggaaatcata	ttacactaaa	ctggaatctc	aggctgaatg	agaataaacc	180
agtggagtaa	aaagaagaaa	accgtttctt	gatcaccact	taattaacga	tgctctttct	240
ccaaaggatc	agcacgttct	tcctctgaga	acttgaaaat	acaaatggac	cccatgtttt	300
tttaagcatt	accttttctt	agaagactgc	catcatcttt	tatagaggaa	ttttttcact	360
atgcanttcn	gtggatcttt	ataaaatact	gaccttctaa	ttagattcag	gtcagtttta	420
attaaagggg	gaaaaaaagc	aacgcaagcn	caaccacagn	aacnccatat	tcccaaataa	480
aaggaaattt	gggtttaaata	ttcacagcat	taaacattac	tttttaaagt	aaaacnagtt	540
catttgaaaga	aagtatgtat	tgcancnant	ggaacatggg	cctggngctt	ttgcagtggc	600
cttcaacctn	ctgtgcctgt	ctggaanggg	cgtgttccca	agagtgagan	ggagaagcct	660
gggtgtncang	aaacgctcct	attaangaaa	gnttnncttg	gccaccgggc	caacggggcn	720
aagaatgggt	tggggtggnt	ttnacctctt	atcantgc			758

<210> 3146

<211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3146

cgcttttttca	nategttggc	tactcgttct	ttntgcagga	tcccatcgat	tcgttgagaa	60
cctgcctcta	tccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggcncca	tancttaacc	tgcaagtgnct	tcaaaatgcc	caatgccttg	tttccctatta	180
ccttanatng	cnnnccagtc	tagggaagtc	tatgagaaaag	tngcatttaa	ttaaagttta	240
aaaaaaaaaa	ggttgggcnt	tgnggctcat	gcctgtaatc	ccagcacttt	gggaggctga	300
cgcggttgga	tcactaggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catgggtggcg	tgtgectgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	cccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgcaactcaa	cctgggagga	caganctaga	ctcagtctca	aaaccanaaa	540
aaaangccnt	tttttctggg	ttnaaatggg	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tggaancccc	tnaancccaa	aaatttttat	660
tagccntttt	tttnannaag	gggggtttta	tncttaaagg	ggccttttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccg	gcnaaggncn	ttttaccgga	gttgcaaatt	taatttttnaa	780
taaccctaact	ntgggccttt	aaaattttaa	annnaagntt	cttgggtnac	ccnanntntn	840
tnggggcctt	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3147

caatgcctgc	tngtcgtcgt	tgcggnctcat	cgttcggtttt	tttgggtgaac	actgattttta	60
ttggtgtctt	agatccctag	tctacccaaa	taatttttaac	agtactgttt	tttctaattcc	120
tgaagtctga	tatttatgac	tcatttagcag	gaatcaaaac	tagtgatcag	tagaacactt	180
tcaaaaataaa	aatttggaat	gcagactttt	atgaaaattt	aaaagtgtct	cttaacagaa	240
tatcatgggt	tttctataaa	aacttcttta	agtattgtaa	ttccagtctg	ccccaaactta	300
aaaaaaaaatt	cttattaata	tgtcagtcac	taattgctag	tttgggctct	cattatttcc	360
tgtttttttaa	caattttgtg	ataattttat	tattggcaaa	ttaatacatc	aacacttaaa	420
tcattgacta	taataataacc	ttctggctac	ctctgtatca	accaaattct	gtagggtgcaa	480
acatatacca	gggaattctt	actggcaaaa	tgatcaatct	ggagtgtgca	tccactgtga	540
atggagcaaa	ttgccctata	cccattgata	acctagcttt	cttagtttgt	agatgtagga	600
aacaaaatag	tgacagagag	agaagggggg	ccacagggca	tggtatatatt	atcagcagtg	660
gaaaaaaagt	gcatagatca	tttagtccaa	gaacttaaaa	ctaaattgag	ccataattta	720
ctt						723

<210> 3148
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3148
 gcttcaatan ctttttctaa ngctcttttt gcaggattcc atcgattcga attcggcacg 60
 agagtaccca nanttgcnag gagtntnntn actgatntag ccagggtggca atnatgagtg 120
 aatggatnaa naaaggcccc ttagaatggc aagatnnccat ttacnnagag gtccnagtgn 180
 canccagtga cangaatgag tttnaaggga tgggtttttaa ctacagaccc agnctctgcc 240
 aatatngacc ttgtgaactt ccttgaagat ggcanatgt ctgagaccgg aattatggga 300
 catgctgtgc agactgttga aactntgaat gaaggggacc atagagtgag ggataagctg 360
 atgcattttg ttcacgtctg gagactgcaa agcatacagc ccacaggatc tggagagag 420
 aaagaacagc ctanagnaaa tggctngaga ngaaccacat tcccatcact gaacagggan 480
 acgcttcaag gactctctgt gtggctgggg ncctgactat ngacccacca tatggtcana 540
 naaattnac cagctctnat gagantattn tgctgcgtgt tcaggatctt antgaaggac 600
 atcttacant ttnccaanna naagncatga aatgtgacat tctgcttgaa naagacnata 660
 ttttatcctc atnaatgttt aaatgtaaaa nnnnananaa aanactcgag ctntnaaatn 720
 tngtgagttt anang 735

<210> 3149
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 3149
 gcttctaattg ctttttcgant ngcnntcntt gcaggatttc caaatncttg gntgcatcct 60
 ctgatggcnc tgtaaagatc tggaatatga agaccacaga atgttcaaat acctttaaat 120
 ccctgngcan caccgcangg acagatatta ccgtcaacag tgtgattcta ctctctaaaa 180
 accctgnnca ctnggtggtg tgcaacagat caaacacggg ggcatcatg aacatgcagg 240
 ggccanattg tcagaanctt canttctggg annagagang gtngggactt tgnntgctgt 300
 gccctctctt cccgtgggtga atggatctac tnggtanggg aggactttgn gctctactgt 360
 ntngttcan cnactggcaa actgganaga actttgacag tgcaacgaga nggatgtgaa 420
 tggatttgca catcancctc atcannaacc tgattgtac ctacagtnan nnatggactt 480
 ctaannctct ggannccatn antcaacttt tcttgataaa atnagctcna aagcntntac 540
 tttaaatgaa gccatnntca tggtaatgtg ctttnatntg ttttttgcen ncntgttcta 600
 aancaaatac nattgtcnna aattnanncn cncaaataaa ttttttgtgg aaananttna 660
 tgnnttttna anttagcnaa nctnncccn tntctcttg tgtgaanatt aagcttttaa 720
 aggggnagttt nggnnttant ccatncttcc naaactgggn tgnccggtca acnttaaang 780
 ntcaaacaat taaanncn 798

<210> 3150
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

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<400> 3150
gnntctatnc tnggctcttg ncttcttgca ggatttctaa tgcttggatt cggcacgaga      60
tcaccttggc acgttccccct cagctgggct ctgcagggca gctaagattg ggcactgatg      120
ttcctggctt cagtcctacc cgggttatgc agctacggct tcatacatac accagttgca      180
ctaaacttggg atgaaaatta agttaaacc agtagaaaat ttcatectat gttttgggtg      240
taaaagaagc aaatgaacaa atgaatagag gctgccaaac agttgtctca ccaactgttc      300
cgactagcta acaagattag ctagggtcata cctagtcgta aaagaatact ataagaactc      360
agaaattcga catatttcta ctacttgctt gtcagttaga taaacagatt aaaagaacca      420
taaaaaaaca aagagaaaat aatagtagga ttagagagca tggtatcatc tcatgggctc      480
acttggcctt agaaagaggt gtttatccat catgaatatg aatccagggg tctgaatgga      540
tataagagaa ccaaatgtaa cagaaattta atatcatttt ttcctctgag atgaaacatt      600
ttacattttc cagtttatta gataaaatta ctaaaccatgt tctagaccct ggagttgtag      660
attttatgat gttggctgct gtggantggc catgactggg ttttcaaagt ntaatttgat      720
ttctttttaa tc                                          732

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<210> 3151

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

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<400> 3151
gtnnncttca ttcaatccct ttgcanntgc tctttttgca ggatccctcg attcgaattc      60
ggcacgagct tgacttccaa ctgcccctga gatttgnnct ccagtataag gggcaagcgg      120
gtgccctgga ncgtccantc ctnattcanc nancangget tggntttnt gnaaaaactt      180
gttgggnagtc ctgncanaaa agctgcggcg gaaatgggca ctgtggcttt ccccgtttca      240
ggntgggtggn gattcctgtg gggagtgagc aagaggaata cgccaaaaag ggacagcnga      300
ncctgcnggc tgcaanactg gtcagtgacc tggatgcana ctttttgact gaccctttag      360
accngagaaa tctaccggg ccccannttt gncccantaa caaanttttc angttttgnt      420
gggttnggcc cataaaanaa gcaactggtt ngaanaaaca anttgaaacn ttttcgggaa      480
aaaaangcta ntttggngca ccntttgccg caatttgggg anattttccc tngnnaaana      540
ngttttnncc ccnttgggtc gacaattttt ccnnnaaata ntctnnccgg gtctnnnaaa      600
antntccngn gnngnanaaat ttttttttng gnnctcntnt nanannnttt ntnttgngga      660
tcnaaaanaa nttgntnatt tgacaaatna ngcncnaant ataanttggg aaanccccnc      720
aaacctgttg aaaacaantg tnnccccccn aaatttttna naaanactgn ttggagaccn      780
aaattnntta tnttctntan naaaaaaaan ttttgttngn gnnccnctc aatntgnggg      840
tggnaaacttt tcatncnnan ttnntttggn taggtaaatt ntatcttct ncttnaanaa      900
aaaaattcnc                                          910

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<210> 3152

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

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<400> 3152
gnttnnnctt tttcantnct tggtctcgn ctttntgcag gatccctcga ttcgaattcg      60
gcacgagggtc tagtataatc ttgatgctca aaccagataa ggacaatata agaaaggaag      120

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agtataggct	aattctaccc	aataactaaa	tgaagtatta	gcaaaccaga	ttcatcaata	180
atcttttaaa	aatcaagaat	taattggatt	taggaatata	acactgtgta	taacaagttt	240
aagagaaata	tatgagaatg	ataagactgc	aattgaaagt	agaggctttc	tctggagggg	300
aagggtgagga	ggatgtgatt	tggagaaca	gcatggggag	gcatcagttg	tattgtaatg	360
tttatttttt	aagctgaatg	ataggtacgt	agatgttcat	tgtgttcttt	ttgccttttt	420
gtatatctta	aatatatggt	agtgccatga	ttagcaggct	taatagcctt	gtgagtttaa	480
atgtcacttt	caaatgctgt	atTTTTTggtg	gagttgctta	aacacattcc	ccttggnatc	540
tatacaacca	gttaaaaaaa	atcatgtata	naccacccat	tgaaaaatata	atggaaatgt	600
actgnatatg	ccattttcat	gaaatggttg	tgtcaaaggg	gcttnttagg	aaaaaaaaag	660
atcgtttaac	tctttttgca	tttaagtggg	aaataagggtg	ggctttngga	aatagtttca	720
acccttgctt	aaccagtttt	ttttttcatg	cttnn			755

<210> 3153

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3153

tnaagncctt	tctnttgctc	tntttgcagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtggtgtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatattt	tggcctatca	aaaacagtgg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccaggctcta	gaggatgtag	accagtgtctg	240
tcaagctctc	tctcaaagac	tgggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctggtatttg	gccatctata	caccattctt	accacacaat	tgacaaatga	360
tgaactttct	gagaaggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttagt	tgtagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttggtgtca	540
gaattttaaa	acccaaattt	actggctttt	tggaaacctt	cnaaattata	ttaatgggtat	600
cttnatgnat	tgtgccttta	taattggcna	ttttggggnn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttta	antcenggaa	taatgntnng	gnaattcctg	nnattccttg	720
gnnaantttt	tntggngttc	cctttgggaa	accantggcc	ttngcctttt	tannaaantt	780
aaaagncntt	taaancaaac	ctggg				805

<210> 3154

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3154

tnnnnnnttt	tcaatntttt	ancgtccctt	aggatccntc	gattcgatcc	agatgggata	60
cctctaaaca	cgaaaagaaa	gaagattcca	ttantgaatt	tttaagtttg	gtttnatcaa	120
aagccgagcc	acctangcaa	cagtcacccc	ccttagtaaa	caaagaggaa	nagcatgcac	180
cagaatcatc	cgcaaatnag	acagtcaaca	aagatgtgga	cgcacaggct	gaangagaag	240
gganccgcca	tccatggact	tattcatggc	catctttgcc	agttcctcat	atgaaaagtc	300
ctnatcctgc	gangatganc	acggtgacag	tnaanatgat	caggcacgct	ctggngagga	360
caacttccaa	agctggnaag	acactgactt	ggnggaaaca	tcactctgtg	ctcacgctnt	420

tgtgccagng	ccctaggagc	cgtcaccttc	cttccccgata	caaangatgc	agatagatna	480
naganaagag	ntcggccnng	ngctgcctcc	cgtcttatgt	nccaatgctc	gtcagacact	540
tgaagttnct	canaaaagaga	aacattccaa	gaacaaaagac	nagcacaang	gcaatanaga	600
acacaggccn	gaaagaattg	anangaaatt	ggaaacactn	gaagcacnaa	acacctaang	660
naatccaaaa	naattggcaa	accaggggaa	aagtaggtnc	ctnecngaaag	tttcgacagc	720
cngcggacaa	gccanaattg	acnatgaaac	cgcatacgtg	tcttnc		766

<210> 3155

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3155

ttngaaaaacn	ccttngettn	gttncccccta	cngaaaccct	tttgaaaacc	ntttgcnann	60
tcctctttnt	gnaggatccc	atcgattcgt	gaaagaggag	atcggtgacc	tgggctcctt	120
atgtgcctga	atgagtttga	gtttcctgtt	aactccaaat	caacagtatt	ttcaacaaga	180
aatgtgcaat	tgaaatcaag	tgetgtttaa	gtgcagctag	gantccacag	gaagacactt	240
gcagtgaaca	gagttatgga	gcagcaaaaa	cacagatcta	tttggaaaaa	gagaaaacat	300
atgcgttgta	ttttgcttca	attataaaat	accatcctct	caaagggtgt	tctaaattac	360
aaaggacttt	gatttctagg	tagattctgt	gtagagactt	cctttcatat	tgaggcatta	420
atgacacctt	ttaacctggg	aagcaatatg	actggagttg	tactttgaga	agattaatca	480
ggtttggttg	cagaatgaaa	gagaagatga	agtcaagaga	ttggtttaga	ggctctagca	540
gaagcttagt	catatttcaa	aatgatcaaa	tatcaagaaa	aattctgagc	tgcataactt	600
gtataaagta	attttccagt	atttttttca	tggttatgat	aaaagaactg	gattagcaga	660
aacttttacc	ctgaatcaag	atttaatttt	tctttgagct	catcttaagg	atatacggaac	720
atagggagca	aacgatgggt	tggtgccttc	antgcttgaa	ttttaacngt	tttgaaan	778

<210> 3156

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3156

nanatccnnc	nantncttnt	tgttcntgtc	cgnangatcc	catcgattcg	aattcggcac	60
gaggtttcat	ttaagaagaa	tgantagat	anatgtgctc	ttctggttac	cccaccctga	120
cagagtgcac	ttttacacgg	ctagcagggg	ttgagactgc	agcctggcct	gccagccatt	180
ggaggtgttt	aaggaagggc	agataatgtg	actctttgag	gggtgccatc	tgcttaccca	240
ttagcgagca	naggggggtt	ctgcgggtga	ccccagcat	atctctaggt	tacttatggg	300
cagatttgta	agtgacaaaa	ctccagctga	tgctgggaat	ggggagaggg	cccttgaggg	360
actttgtggt	tttgtgcttc	tggtttcctg	gccaaaccca	gggtcacttg	tctggaggcc	420
cagctgggca	ctaattgtctg	ccaccgacta	tgtaaagtgt	tataaatgat	tcctctatct	480
gggagagatc	ttccaatcca	gaggagcccn	tcttgactgt	cctgggttaa	atctgcatan	540
cagangtggg	tgatgaagtt	catctgaaga	aattcagccc	cacctnccca	ccctgccntt	600
cctgtccctt	tttgatagtg	gcttctgggt	actcgggcnn	gtncctggga	caccancctt	660
ntctgggggt	ctnaagccat	cccgttgggg	ctgtcggcca	agcctaagtt	aatcgtgtgc	720
ctntattggg	aggatngctn	ntcct				745

<210> 3157
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3157

ttnnnnnnct	ccnaatcctc	cngatnana	cnccttgnan	ctncctgcag	gatcccatcg	60
attcgaattc	ggcacgaggt	ccatacatgg	agctccctgg	agcccgtgtg	ntntcgtgtg	120
actgaacgtt	ttgtgatgaa	aggaggagag	gctgtctgcc	tttatgagga	gccagtgtct	180
gaattgctga	ggagatgtgg	gaattgcaca	cgggaaagct	gtgtgggtttc	cttttacctt	240
tcagctgacc	atgaactcct	gagcccgacc	aactaccact	tectgtcctc	accgaaggan	300
gccntngggc	tctgcaaggc	gcanatcact	gccatcatct	ntcagcaagg	ngacntatat	360
gtnnntgacc	tnagacctc	agctgacnct	nccttngtan	ggttngatnt	nggaagcatc	420
ccaaggngat	ttagngacnn	tggantcctn	atnactgata	anacncnaac	tatantnttt	480
tacccttggn	agcccaccag	caagaatgag	ttggagcaat	cttttcatgt	gacctnctta	540
acanatatac	tctgaatgaa	tctacgttgt	atztatcagg	nggacaatgg	gaataaagcn	600
ttntaaagc	accnantgga	catgaaagca	acagacacna	ggagnnaagc	cttgagacat	660
gtctgnntc	tgaccgcatt	ttgatccant	gntctgtgan	ganttnttca	ctgaacattt	720
tcaagaggag	ggtgnatacc	cctggcaatn	gccnaanaa	ag		762

<210> 3158
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3158

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cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcgggttga	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcctttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatggtcaa	ctgcttcagc	tttgtnttgg	caacccctg	cccgaanncg	300
catntaggtc	gctcttcacc	ttgtttccaa	ggctgangaa	cagaaagtag	cctntgtttt	360
gaggangtng	aagttnanta	tacatnnatt	ttntactgng	actngntcag	gaccacattt	420
tacaaaatgc	ctngtttcc	tcattgnntc	tggaaaggaa	agttctatta	atattgnttt	480
actntgaata	tanaatagtt	ttnantaatt	agggttatt	tnnaaaaatt	ctgagctaatt	540
tcaaatgtat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacaagt	tgctgtnatc	600
anatggctta	nagaaaatct	ctggaatatt	cacattctaa	nattncctat	taatngaattg	660
tcctttgact	taaactctacc	aaaaaactgc	aacattantc	tttgncatnc	tcattatata	720
gngttaanaa	gcttatttca	nacnaataaa	atctn			755

<210> 3159
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3159

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cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggagggt	120
ggcgggttgca	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcctttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatgggtcaa	ctgcttcagc	tttgttttgg	caacccctg	cccgaagtgc	300
catataggct	gttcttcacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	360
gaggagggtg	aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	420
tacaaaatgc	cttgtttctt	tcattgtttc	tggaaaggaa	agttctatta	atattgtttt	480
actttgaata	tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagtttaat	540
tcaaagtgtat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacagtt	gttgatgatca	600
gatggcttag	agaaatttct	ggaatattca	cattcgaaag	ttccttatta	atgaatgctt	660
tgacttaaat	ctaaccaaaa	actgcaacat	tattctttgt	acattttcat	tatatagtgg	720
taacaagctt	agttgcaaac	aatgaaata	ctt			753

<210> 3160
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3160

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ttcggcacga	gagtaaccag	agttgcgagg	agttttttta	ctgatttagc	cnnttggtcaa	120
tcatgagtga	atggatgaag	aaaggccctt	tagaatggca	agattacatt	tacaaagagg	180
tccgagtgc	agccagtgc	aagaatgagt	ataaaggatg	ggtttttaact	acagaccag	240
tctctgccaa	tattgtcctt	gtgaacttcc	ttgaagatgg	cagcatgtct	gtgaccggaa	300
ttatgggaca	tgctgtgcag	actgttgaaa	ctatgaatga	aggggaccat	agagtggagg	360
agaagctgat	gcatttggtc	acgtctggag	actgcaaagc	atacagccca	gaggatctgg	420
aagagagaaa	gaacagccta	aagaaatggc	ttgagaagaa	ccacatcccc	atnactgaac	480
agggagacgc	tccaaggact	ctctgtgtgg	ctggggctct	gactatagac	ccaccatattg	540
gtccagaaaa	ttgcagcagc	tctaattgaga	atattctgtc	ncgtgttcaa	ggatcttatt	600
ggaaggacat	cttacagctt	ccaatgagaa	gccaagaagt	tgtgaacata	ctgattgaaa	660
aaagacttta	ttttaatccc	tcattaaaaa	ggttttaaat	gttaaaaaaa	aaaaaaaaaa	720
acttcgagct	tttaaaactat	ngtgagtcga	ttcntataa			759

<210> 3161
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3161

ttctcctgaa	acgttngca	cttccctcnc	tgcaggatcc	catcgattcg	aattcggcac	60
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gagacactgt cccactccat caccaggt ggagtcag ggtgtgatca tagctcgctg 120
caccctccag ttcctgggtt caagccatcc ctccctgcctc agcctcccca gtagctggaa 180
ctacaggtgt gtgccatcac acctggcttt acatttttct gtgggggtctt actatgttgc 240
ccagggcggt ctcaaactcc tgagctcaag tgatccctctg nctcagcctc cagagtatct 300
gggattacat atgtcggcta ccgtgtctgg ccgttcacat ctttggccac tattngcttg 360
tgaaaaggta tnatgagggt gtacttatca tngttactgt gtctcatgtt nngtatattt 420
ttgcttcate aactaagatg cactgtaaca tctgtgaaat ctggatatat tatcaaangg 480
tttatcatag ttttggttaac aatacactgt cgttttactn ggtgcctaan ataatggtat 540
agttngnagg tgatccttaga tttgatgaag cacagtatgc aangtaggcc taatggnggg 600
aaagaatggg naattttcan angcnnggaa gtatttgnntn ttttgtaaat ggacttgaaa 660
agcttgttct gnnngatttg acccaacccc ttccctttt aaaccccgaa ttctnatnga 720
ctnttccaac ttngaaaact ttgctcnaac ttaaatacct ttnaaaaatt aacntgacc 780
ccg 783

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<210> 3162

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3162

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attcggcacg agaggttgct caccctgaagg agcacaggag ggttttccag gccatgtggc 120
tcagcttcct caagcacaag ctgcccctca gcctctacaa gaaggtgctg ctgattgtgc 180
atgacgccat cctgcgcgag ctggcgcagc ccacgctcat gatcgacttc ctaccccgcg 240
cctgcgacct cggggggggcc ctacgcctct tggccttgaa cgggctgttc atcttgattc 300
acaaacacaa cctggagtac cctgacttct accggaagct ctacggcctc ttggaccctt 360
ctgtctttca cgtcaagtac cgcgcgcgct tcttccacct ggctgacctc ttctgtcctt 420
cctcccactn cccgcctacc tgggtggcgc cttcgccaag cggctggccc gcctggccct 480
gacggctccc cctgaggccc tgcctcatgtt cctgccttct atctgtaacc tgetgcgccg 540
gcaccctgcc tgccgggtcc ttgtgcaccg tccacacggg cctgagtttg gacgccgacc 600
cctacgacct tggagaggag gaccagccc aagaccggg cctttggaaa acttcctgt 660
gggaagcttt aagnnccttc nanangccac ttaccaaac ttgaggggnt ccaaangccc 720
gccanccggt nattaacaa ggccctggnc aatgcctgaa ggtcaaacaa tn 772

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<210> 3163

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3163

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tcnnncnctt ttcgatcttt tgagncttgc ctttgaaccc cttggntacg anttcggcac 60
gagggaaacca tganancna gagctagaat tgctattgga tnnctctat tctctntttg 120
cttattgggn cgngntnctg ggttncctggc ctcannggtn nccccgaang anggggtatc 180
tnngagcnan ttntgcnnnt tacnggctag cttgntgggg gcttaanntg ccactnttan 240
acatgctnta ctantcantg agannntnctn ntcgaccatn tannacnatn ctgtgnnttc 300
cngtacnctn tggccgnatg gagctattag cttcaanatg nntcgnantg ttacatgcan 360

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ncactgannt	nactatccan	natntaagtn	ctcttnngctt	actgtgaaca	nnngctactn	420
ncttggatat	tatagnaagg	ntcnttgata	cncgatnatc	ntnctgtca	gatcnataaa	480
tancanctat	accnactgtn	naaatnccat	ctggnggnct	tncnatccan	acataattgc	540
attannncgt	cnaattgnga	tanagtnttg	aaagantctn	ggtttagacn	ttggatgttg	600
caatgnttg	gncttanaaa	ttatgtgctg	gctactgant	aanctggggg	catgacntta	660
ctggnttgac	ctaagnggng	aantcnatgg	tccgattgct	ggncctanc	cttaagnttt	720
gccatgaata	ggnccttttgc	cctaaaataa	naccccttt			759

<210> 3164

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (853)

<223> n = A,T,C or G

<400> 3164

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caggcgtgag	ccaccttgcc	cagcccacat	catacagttt	gaaatgaaac	tttgccacaa	180
ccagcctttg	ctgtagcaca	cacatatatc	actgaacctg	tttgaaaataa	agtttttttt	240
ctttntcctc	tggtattctg	ggttctgaag	tctgggtatc	tggtattctg	ggttcaaaag	300
tatgacttga	gagtgttget	ctggtattct	gagagttget	ctgtattctg	ggttctgaag	360
attatttgaa	aaataactcc	tactacattg	aaatgcagac	ttaaaaattt	aaacattgga	420
ttangcagtc	aaaaaaacca	agcaagcata	aaaggtcaat	aaagtgtaat	cttgatagta	480
aaggtggaaa	acttattata	aatggnaang	aaagttttat	ttcctttttt	gtttgaatgg	540
gcaagtatgc	catattatac	ccaaaagtgc	ttttaaaaaa	atatttccca	ttcaacccat	600
ttttaattna	aaattaaaaa	cattttgnaa	gggaaanttt	acccaanggc	aanccttttt	660
tttctcccaa	aaaggttnac	cntgttnatc	cttctttttt	ggnaaattta	nccaccaatt	720
tttttaaagg	ngggncaatg	gggnttaaaa	ntanccttgn	aagnnathtt	ttnanccttc	780
caggtttaaa	antccccttg	gatnggggtc	taacctgggn	gggtngnata	naaaaaaata	840
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<210> 3165

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 3165

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tggtctttgt	nacctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	gggtatcagc	tggccacttg	gctttctggg	ttgccccaat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgtca	300
aaacccccag	taactgcaa	tctcacttag	aataaaaatc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttctctgc	ttgctcactc	420
ccttccagcg	ccgttattct	tctgatgcc	cctagtacac	aacaactcct	tctgctcca	480
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nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaacn	tgaaatacac	taaatggnan	ccttcacgaa	nggtanggcc	anttaaagtc	720
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<210> 3166

<211> 767

<212> DNA

<213> Homo sapiens

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<222> (1)...(767)

<223> n = A,T,C or G

<400> 3166

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tggttctttg	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggatatcagtc	tggccacttg	gctttctggg	ttgccccaat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttggtca	300
aaacccccag	taactgcca	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttctctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcc	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaacn	tgaaatacac	taaatggnan	ccttcacgaa	nggtanggcc	anttaaagtc	720
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<210> 3167

<211> 767

<212> DNA

<213> Homo sapiens

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<222> (1)...(767)

<223> n = A,T,C or G

<400> 3167

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tggttctttg	natcctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	ggatatcagtc	tggccacttg	gctttctggg	ttgccccaat	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttggtca	300
aaacccccag	taactgcca	tctcacttag	aataaaatcc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttctctgcc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgctcca	480
agagtaggaa	aattactggg	ctctctgcc	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600
nctatnatgc	cctactcatt	tccagtcctt	gaaanggcc	ttcccacttn	antannactt	660
attgctaacn	tgaaatacac	taaatggnan	ccttcacgaa	nggtanggcc	anttaaagtc	720
nttngcactg	gnnaggcnaa	gagaacaagc	ancntggntt	canaagn		767

<210> 3168

<211> 754

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3168

tttggagntc	tttcttttcta	atncttggct	actngntctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgagcggac	ccatcggagc	gtaacctgga	tctccgcagg	cctggcggag	120
gccggccacc	tggaggggca	ttgcttggtt	cgcgtggtag	cagaggagct	tgagaatggt	180
cgcattcttac	cacatacagt	tctttacatg	gctgattcag	aaactttcat	tagtctggaa	240
gagtgtcgtg	gccataagag	agcaaggaaa	agaactagta	tggaaacagc	acttgcctt	300
gagaagctat	tccccaaaca	atgccaaagtc	cttggggattg	tgaccccagg	aattgtagtg	360
actccaatgg	gacagggtag	caatcgacct	catgaaatag	aaattggaga	atctgggtttt	420
gctttattat	tccctcaaata	tgaaggaatn	aaaatacaac	cctttcattt	tattaaggat	480
ccaaagaatt	taacattaga	aagacatcaa	cttcactgaa	gtaggtcttt	tagataaccc	540
ctgaacttcg	tgtggtccct	tgtctttggg	tataaatgct	gtaagggtgg	agccantaat	600
tntctgcaan	aagtangnca	gcacttttca	gtgatttgaa	tatcatcttg	gcttngangc	660
cangtggaca	accttgtcat	aactgacttc	tgaaaagaac	cctntngata	tttgatgcct	720
cnggtgtngg	tggaactgtc	atttantngg	anna			754

<210> 3169
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3169

tctgnmctnt	gtntccttgc	tctgtttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggactgga	gaagtcagaa	gtagaaaagc	agattgctag	gagagacagg	atgacagatt	120
ttggtcagaa	aatgggatat	tggagttaa	agtatcaaata	acagaatagt	tccagatggt	180
cagagatcca	gcatgggatt	aggtagtgaa	atggattaga	actaaaagtc	actagaattt	240
agaaattgag	aaccatgaga	gtggatgcaa	tgacttggtg	cttgattgaa	aaataaatta	300
ataataataa	aggaccatga	gactagcctg	ttataggggt	tatctccatg	aacattgaat	360
tttcccagga	tcatagcagg	aattgggtag	agaaaaagat	tatgagaagg	tgccagagtc	420
ttcagtgaat	gtcaggaaat	taccaggaag	tcagcatatg	acagagaaaa	ggacagtatg	480
ttatctgcat	caaaggaaaa	tgtgcttttg	ttgaaaagta	cagaaaaagc	caataactaca	540
atactgtgct	aagcccctac	ctgtactcct	ctcccacagc	tgcatccag	ccctgtggta	600
taaaagggtg	gagaatgagc	ttttccacca	gaatcagcag	gtttagttaa	agcatgagca	660
gaacaagcat	nctatgaaga	gactgaggat	gtaggtgagt	ggtctaaatc	tcatnnaagg	720
acattgcagt	ngat					734

<210> 3170
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)

<223> n = A,T,C or G

<400> 3170

gaantccttn	nntttnaaat	cnttggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gatctagata	ttgcccaate	gctgcccaca	gtgcacatac	ctttccacca	120
gtcacatgtg	agagggcaga	ttttccaaat	gctcatcacc	acttggcact	gtgtggacta	180
taattttggc	cagttaggaa	atggcatctc	attgttttca	tcttaatttg	cgtcagcctg	240
attactcatt	gaaacttggt	aggttgagaa	acttttctta	agcttatttg	ccattcaagt	300
ttctctcttt	atgaaatggg	tgttcacgtc	atttgctcat	ttttataatta	gattgttttt	360
cttttttcca	gctgaacttg	aggaactcta	catcttatca	atattaatca	tttatcgaaa	420
actatttggg	tgccattatc	ttctcctagt	caatgttttt	tgtttgtgat	atcttttata	480
atatataagt	ttttaatggt	ggcagaagta	aagttaatct	ttttggctgt	gttgtgtgtc	540
ttgtttgatg	taaagatagt	ttctgtaata	gttttgcagt	ttgattgggc	atcttttaggt	600
cttcaattac	aacctgcaca	ttcatccctc	tatctctctt	cttactctgg	ttttctccat	660
agcacttatc	atccaataat	atggcatgca	cttattttaat	ctggtttgca	tatatatttt	720
ngctggtacg						730

<210> 3171

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3171

nggnttcnnt	ctaactnaaa	cngttnggna	actcncctct	ntctgtngat	cccatcgatt	60
cgctaacaag	cgattctaaa	ccacctatga	gtatttcttt	tagggctcac	ttaaatacat	120
gtttgtatat	actgtattct	agccagaata	atttttagatc	tgatcaggta	gtagctaaaa	180
ttagaaaaaa	acaaaataga	tgtttaaaga	atttgcaccc	atttttgagt	ctaaatcttt	240
taaaatatac	tgagatccac	atctagtga	atgtcagtg	caaaatatta	tagattatag	300
ctaaaatcca	gattaatact	catttggggg	tttttatagt	ggaacttcat	agtaatacaa	360
aaagcagatt	gtcttctctg	ctccgctgct	cccacagtag	gtattgaaac	tggtaaaatc	420
agttttttga	tagtgtgtgt	atataagaaa	aaatagatac	acacattctt	ttttctcagt	480
caacacattg	attgaacact	ctggcaaaga	tgtctgtggtg	gatgangttg	gagttcgaaa	540
agaagaagca	agcgtctggc	tgccttgaaa	gaacccgaaa	gtctttccca	ttcacttctc	600
tagaaagctg	ccaagacaga	ngcagaaagg	aaatggatga	tagttctgtc	aagcacactt	660
ctgntctcnt	agaacttaga	aatggttcta	agagaacaga	agttatngag	aacagttcnt	720
gtggaattca	acatcttggg	tgggaacncat	tggctttt			757

<210> 3172

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3172

cnaatncttg	ctcttgnctt	ntttcnaatn	cttggcnact	cgctttctnt	gcggatccct	60
cnnganncna	tcgttcgaat	tcggcacgag	cacaaggaga	agaaagttaa	ttaacattga	120
aagatgagaa	gacatcttgg	aagacttgaa	ttgggccttg	gaagaagaac	agccattcaa	180

atagatagaa	ttgtggtagc	aaaggcatac	ngntcggaaa	gtatagatct	ccaggacag	240
tagtcatggg	gttggggcac	tgttggaatt	taaggttgga	aggatatatt	ggagcccctt	300
gaatacggta	acaaggcaca	ccttgggcag	tggagagtta	tcagagtgtt	tgaaaaggag	360
ggttattgag	taaataaata	gactgggtact	ttaggaattt	taaaatgttg	atcattgtac	420
tactaataac	tatntatttt	atatttacta	tctactaagt	aattttacatg	tatttttcttg	480
tactgactgt	aaaccttctg	ggtgtgggtg	ttttaagtgc	cattttactg	ataaagaaac	540
tgangcttaa	atagntgaaa	tanntcaccc	tgttagtgag	tggcacaatg	acaagtcann	600
atcttanggt	tgccnanntc	caaaaanncat	ttaaanttnn	agnatnattg	annnttttnc	660
cttatggcnt	nnnaaatattg	gggagccatt	attgaaatcc	nttacnacnt	angaattgnc	720
caaaaaaaat	acttttttggg	gaaaactgga	tttattaatt	atccaaaata	atttnantgg	780
cttgnttggc	ttntttccac	tntnc				805

<210> 3173

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (886)

<223> n = A,T,C or G

<400> 3173

cggnnnnnnn	gnagcccntt	tggnaaangc	ctctaaggga	aangcctttt	tgaaaacnan	60
angaaaacct	ntgggaaaag	nccncannna	ttttngngaa	annggcnnng	gcnnanantn	120
ggacacngtt	ntaannnnan	nagnngnngt	tttnnganan	agggnnnnna	gnngnannna	180
ngngnnggag	ggaannaagg	nanagnannn	ggnagnnaag	gnnnnaaaga	agnagnnang	240
gaganggnnn	gnngnggggc	atgangnggg	nncagaggca	cgaggagccc	aagaccatca	300
cngangagna	ngagcagggn	accnacatnn	acnnggacna	cgagaagngg	ggccagcgga	360
agaaggaagg	nagnacctng	agnaccgnta	ccaggaggan	cgggaccnac	agnacananag	420
gnccnnnncn	anacggannn	nanaaacngg	aagcaggann	nnnanggacc	aagggaaggg	480
nncnngnncn	ggaaaganng	ggagggaggn	ncgaaggcaa	aggggggann	cgnnannncc	540
aggaagnang	gaaggggggn	cgggaggnna	annganaaga	ngaaccnngg	gggnncaggg	600
gggcgagggg	agcanaannn	nnccnnagnc	aanngaaggg	gananaagag	ngggaaaann	660
aannagaaag	agggaaaana	agnnaaggaa	anaaaagang	ngnnaannng	gganaaaaana	720
ngngganann	gnngganana	ngngnannan	aaaanngagg	aggncannng	gnaaanaana	780
nggggagggg	nganananag	ngaannagac	aaggaanagn	gaannagnng	anagnannng	840
gnannaaagg	nannggggna	anaagnanna	nannnnnagn	gaagan		886

<210> 3174

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3174

gcttttnann	nccetncttt	cnaancctct	tcaaatcctt	ggntatcggt	ctntctgnng	60
gatcccacg	attcgaatte	ggcacgagag	acaaagaaaa	aggtggcaat	catagaagag	120
ttagtagtag	gttatgaaac	ctctctaaaa	agctgccggt	tatttaaccc	caatgatgat	180
ggaaaggagg	aaccaccaac	cacattactt	tgggtccnnt	nctacttggc	acaacattat	240
gacaaaattg	gtcagccatc	tattgctttg	gagtacataa	atactgctat	tgaaagtaca	300
cctacattaa	tagaactctt	tctcgtgaaa	gctaaaatct	ataagcatgc	tggaaatatt	360

aaagaagctg	caaggtggat	ggatgaggcc	caggccttgg	acacagcaga	cagattttatc	420
aactccaaat	gtgcaaaata	catgctaaaa	gccaacctga	ttaaagaagc	tgaagaaatg	480
tgctcaaagt	ttacaagga	aggaacatca	gcggtagaga	atgtgaatga	aatgcagtgc	540
atgtgggtcc	aaacagaatg	tgcccaggct	tataaagcaa	tgaataaatt	tggtgaagca	600
cttaagaaat	gtcatgagat	tgagagacat	tttataggaa	atcactgatg	accagtttga	660
ctttcatata	tactggatga	aggaagatta	cccttagatc	atatgtggac	ttattnaaac	720
tatgaagatg	tacttttnaca	gcatncattt	tacttcaagg	cagcaagaat	tgctttttaga	780
c						781

<210> 3175

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3175

gnttttnatn	cctcttttcta	atnncttggc	tactcgnctct	ntctgnanga	tcccatcgat	60
tcgaattcgg	cacgagagat	tatgagcatg	tagaagatga	aacttttccct	cctttcccccac	120
ctccagcctc	tccagagaga	caagatggtg	aaggaactga	gcctgatgaa	gagtcaggaa	180
atggagcacc	tgttcctgta	cctcccggcg	ccgaacagtt	aaaagaaata	tacccaagct	240
ggatgctcag	agattaattt	cagagagagg	acttccagcc	ttaaggcatg	tatttgataa	300
ggcaaaaattc	aaaggtaaag	gtcatgaggc	tgaagacttg	aagatgctaa	tcagacacat	360
ggagcactgg	gcacataggc	tattccctaa	actgcagttt	gaggatttta	ttgacagagt	420
tgaataacctg	ggaagtaaaa	aggaagttca	nacctgttta	aaacgaattc	gacttgatct	480
ccctattttta	catgaagatt	tttgtagca	ataatgatga	agttgcggag	aataatgaac	540
atgatgtcnc	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	600
ttgcttcttg	agttaagtag	aagcctaaca	gaaggagcca	accacaaaga	attgagagaa	660
atnaacaact	gggccttngg	aaagaaangc	nggccaagct	gcttgagtaa	tagtcaganc	720
ctanggaat	gatntggtta	atgaattcac	cccaggncac	accnngttga	agagc	775

<210> 3176

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3176

tgntttcta	gctngctctc	gttctttctg	caggatccca	tctattcgaa	ttgatgagcc	60
ttattaacta	tcttttccatt	atgagacaaa	ggttctgatt	atgcctactg	gttgaaattt	120
tttaacttag	tcaagaagga	aaatttgatg	aggaaggaag	gaatggatat	cttcagaagg	180
gcttcgccta	agctggaaca	tgtagatatt	ccatttctaac	ataaagatct	ttaagttcaa	240
atatagatga	gttgactggg	agatttgggtg	gtagttgctt	tctcgggata	taagaagcaa	300
aatcaactgc	tacaagtaaa	gaggggatgg	ggaagggtgt	gcacatttaa	agagagaaag	360
tgtgaaaaag	cctaattgtg	ggaatgcaca	ggtttcacca	gatcagatga	tgtctgggta	420
ttctgtaaat	tatagtttct	tatcccagaa	attactgcct	tcaccatccc	taatattcttc	480
taattgggat	catataatga	cccactcttt	cttatgttat	ccaaacagtt	atgtggcatt	540
tagtaatggg	aatgtacatg	ggaatttccc	actgacttac	ctttctgtcc	ttgggaagct	600
taaactctga	atcttctcat	ctgttnaaat	gtgnattaaa	gtatctacct	aactgagtn	660

tgantgtant gaaagaaagg ncatatntta aacnttgaat ttancaagcc cacnctcgna 720
 ttttatgncc tttcttttgc ctngggattg aanc 754

<210> 3177

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3177

tannnnnttnc	tntannnttt	ctgangccct	tntgcaggat	cccatcgatt	cgaattcggc	60
acgaggagat	ctctgggatg	tcagtgaggc	tggttgaaga	ccagaggtaa	actgcagagg	120
tcaccacccc	caccatgtcc	caggtgatgt	ccagcccact	gctggcagga	ggccatgctg	180
tcagcttggc	gccttgtgat	gagcccagga	ggaccctgca	cccagcacc	agccccagcc	240
tgccacccca	gtgttcttac	tacaccacgg	aaggctgggg	agcccaggcc	ctgatggccc	300
cgtgccectg	catggggccc	cctggccgac	tccagcaagc	cccacagggtg	gaggccaaag	360
ccacctgctt	cctgccgtcc	cctggtgaga	aggccttggg	gaccccagag	gaccttgact	420
cctacattga	cttctcactg	gagagcctca	atcagatgat	cctggaactg	gacccacct	480
tccaactgct	tccccangg	actgggggct	cccangctga	notggccag	agcaccatgt	540
caatgagaaa	gaaggaggaa	tctgaacctt	gggtaaggat	ttggggcaca	gtaccaggaa	600
gggggcttgg	tgccagacct	tatgaggaag	aaggattttc	ctatgtacag	agaangggac	660
cctgtntctg	tgggaagtgc	ttgtgcaaac	ctaaccaagt	tactaacc	tctgntttct	720
gtgctacaca	aaggggataa	att				743

<210> 3178

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3178

gatgtttnnn	annctgggtc	taatncttgg	aaanctncnn	ctttgttann	ngcnntttct	60
gcaggatccc	atcgattcga	attcggcacg	agcccagctg	gacctgggtg	ccctttccta	120
gtgcctctgc	tgggggagga	gaacctctgt	ccacgtggag	gctaggaggt	ctcaggtgct	180
gccctggcag	caccagagt	tgggcccggc	ccgagtgtct	gcccctcggc	cctcaggggtg	240
gggcacttag	caccagaag	ggaccaaag	cagggcatgg	cgtgacagag	gagtttggga	300
ggtgtaaaca	gccccatgca	cgtggaggag	gagctggctt	tcagccccag	accccacgct	360
agcactttcc	acgtgcttg	cccgtgttg	atgtgcagtt	cccagtgcct	gtgtgagccg	420
acatctgctc	agtcctatcc	ctcgtcagcg	tgtggagacc	cagctcctgc	aagcccttct	480
gcttccacgc	ccccagacag	cttgggtggag	ggtcctgcat	ctgggccaag	ctggggtgca	540
cccagccaaa	gacaaagctg	ccttcacgtg	cccaaaggat	tcaagatggg	gcaactggccc	600
cgggaggagt	cttgacaaa	aattgggagcc	cgctcttgtg	gggaaanccc	cgacttcccc	660
cacnanaaaa	ccgntccac	ggtgccggan	cttccccctt	ttcctttgtg	ggggcaacaa	720
nattggcctt	gggcncttct	aattnttncg	gaagctttcc	tgggtgtngg	cttttgacct	780
taaaat						786

<210> 3179

<211> 765

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3179
 gttgaantcc ttcctttcaa atngcttggc tactcgntct ntntgcagga tcccatcgat 60
 tcgaattcgg cagcagccca catgtaccag gttgagtttg aagatggatc ccagatagca 120
 atgaagagag aggacatcta cacttttagat gaagagttac ccaagagagt gaaagctcga 180
 ttttccacag cctctgacat gcgatttgaa gacacgtttt atggagcaga cattatccaa 240
 ggggagagaa agagacaaaag agtgctgagc tccaggttta agaatagaata tgtggccgac 300
 cctgtatacc gcactttttt gaagagctct ttcagaaga agtgccagaa gagacagtag 360
 tctgcataca tcgctgcagg ccacagagca gcttgggttg gaagagagaa gatgaaggga 420
 catccttggg gctgtgccgt gagttttgct ggcatangtg acaggggtgtg tctctgacag 480
 tggtaaactg ggtttccaga gtttggtcac caaaaataca aaatacacc aatgaattgg 540
 acgcagcaat ctgaaatcat ctctagtctt gctttccttg tgagcagttg tctttctatg 600
 atcccccagg aagtttttct aaagtnaaaa ggaaaattcc tagtggaatt cancccccaa 660
 gggaaaaaag ccacttgnc cacannagga agccnggntn ccccttngtt ccggcttaan 720
 ggcccttgt tcaggaaacc aactggggg ancttntttt ttttn 765

<210> 3180
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

<400> 3180
 agttgaantn cttgctacnn aaaacctttg gcnactngct ctttntgnag gatcccatcg 60
 attcgcaaag atggtcgtat tactaaagggt gaataaccag cgcggnnngc acgtggagtc 120
 actggaacat ttgtgcaatg ctggtgggaa tgtcaaccgg tcgggccctc tgggaataagc 180
 ctggcagctc ctccaagagt taccgngtga cccancaatt ccactcctag ctccaccac 240
 aggaattgaa agcaaanacg caaacagatg cctgtncacc aaagttcacg gcagcatnct 300
 tcgncatagt ggcagcatcc gtcgtcacag oggcatcatc cttcatcata gcggcagcat 360
 ccgtcgtcac aagcggcagc atccttcgcc acagnggcan gcatctgtcg tcacancggn 420
 agcatccttc gacaaagcgg cagcatnctt cgtnatagcn gcagcatcct ttgccatanc 480
 cggcaagggtg gaaaccctgt ccatccactg aggcgtgcat agactaaaca tgggcagtc 540
 agcactggaa ttccaagccg tacaacggng nccacngtca aaaangaatg aggaccctga 600
 ngcacctgng cnganaacaa gaacnngcga nnccaanact ttnagacat tattgcctta 660
 agtngaaaaa cccagngcac caacgggaaa ccngaccgnc ntgnanccct gnttaacntt 720
 nantnngttn cccgaaaatg ggggcacntt nccaaaaagg ggaataaaag gggagaattn 780
 cct 783

<210> 3181
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3181

gntttgaaat	ncntntnntt	caaatnctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagna	atgcaaaggg	ctgcagttct	cattcaggct	actttcagga	120
tgcacagaac	atatattaca	tttcagactt	ggaaacatgc	ttcaattcta	attcagcaac	180
attatcgaac	atatagagct	gcaaaaattgc	aaagagaaaa	ttatatcaga	caatggcatt	240
ctgctgtggt	tattcaggct	gcatataaag	gaatgaaagc	aagacaactt	ttaagggaaa	300
aacacaaagc	ttctattgta	atacaaggca	cctacagaat	gtataggcag	tattgtttct	360
accaaaagct	tcagtgggct	acaaaaatca	tacaagaaaa	atatagagca	aataaaaaaga	420
aacagaaagt	atttcaacac	aatgaactta	agaaagagac	ttgtgttcag	gcagggttttc	480
aggacatgaa	cataaaaaaa	cagattcagg	aacagcacca	ggctgccatt	attattcaga	540
agcattgtaa	agccttttaa	ataaggaagc	attatctcca	cattagagca	acagtagttt	600
ctattcaaag	aagatacaga	aaactaactg	cagtgcgtcc	ccaacaagtt	atttgtatac	660
agtcttatta	cagangcttt	aaagttccaa	aaggatattc	aaaaatatgc	caccgggctt	720
gccacactta	attcagncat	tctatcnaat	gccccagggc			760

<210> 3182

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3182

ggnnntnnna	gnntttgaan	tccctttntt	tctaattcta	ggctttctngt	tctttttgca	60
ggatcccatc	gattcgctca	gctgaggcaa	ttaaactgga	aaagaaatag	attgaaaaga	120
tactacagaa	gaagcagtac	agaagttggg	ggactgaagg	agagggagcc	actgcagggtg	180
ctagctgctt	aaggggatac	cagtcctttt	acagatataa	tagatacagc	ttctgagggtg	240
gaggggtgata	ggagtgtgta	gagaaattgc	agttcagaac	tggagcatgc	agttaggcaa	300
gagggcatccc	atgtgaagat	gtcaagcaag	tactggaaaa	tgctgaacta	aaactcaggg	360
atggatatgt	agatttagag	aacttcattg	tagaggcagt	cattgaaagc	taaaagggct	420
gataataaaa	ttgccaaagg	tggaaatagt	aagagggagt	cagtgttatt	aggattagaa	480
ttctgttttg	ttttttcttt	aaacagattc	tcgctctgtc	accctggctg	gagtgaagtg	540
gtgtgatctc	ggctcactgc	ggcctcgacc	tcccaggctc	aagttatcct	cccaactctc	600
agccttccaa	gtagctggga	ccacagccat	tcaaacacat	gcctgcctta	tgtttggatt	660
tttttgatana	aaccaagggt	ttgccatggt	tnccaggctg	gnctnngaac	ttctgggctt	720
aagccattcc	cccacccttg	ggtctcccaa	aatgctngcc	attatangg		769

<210> 3183

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3183

tgnttttaaat	cnttctaata	cttggetctt	gttctttttg	caggatccct	cgattcgaat	60
tcggcacgag	gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	120

agaaacacag	aacaagtttg	cctttctccta	tgttttccag	aaatgacttc	agtatctgga	180
gcacccctcag	aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcc	gttatattta	240
atgagcctct	gagcttcta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	300
acaaggccag	ttcactctct	gacccgtgtg	aaaggatgca	gtgtgtagct	gcgtttgctg	360
tatctgctgt	tgtttctcag	tgggaacgga	ctggaaaacc	tttcaaccca	ctgctgggag	420
agacttatga	attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	480
atcacccacc	aatcagtgc	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	540
gctctatcta	tcccaactg	aaattctggg	ggaagagtgt	agaacagAAC	ccaaaggAAC	600
catcaccttg	gagctncttg	aacacaatga	ggcatataca	tggacaaatc	cacctgctgt	660
gtgcataata	tcattgnggg	taaactgtgg	atcgaacagt	ntggcaatgt	ggaaattnta	720
accncagact	ggggacaaat	ntgtgttg				748

<210> 3184

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3184

ntgctttcna	atctttntaa	atgccttttg	cttctcgnct	tttctgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	aagtaaagct	tttcatgagc	acaaatncct	tgcatgtgtt	120
gatgttactg	atattcgtaa	aatgaatatt	ttttgttttg	ttttgtttta	tttttttgag	180
acaagtcttg	ctttgttgcc	caggctggag	tgcaatggca	tgatcttggc	tcactgcaac	240
ccctgccttg	cgagttcaag	tgattcttct	gcctcagcct	cctgagtagc	tgggattaca	300
ggcgtccacc	accacaccca	gctaatttct	gtatttttag	tagacacagg	gttttaccat	360
gttggccagg	ctggctctca	actcctgacc	tcaaactcct	cacacctgta	atctcagcac	420
tttgggaggc	tgaggtggaa	ggatcacttg	aagccagagt	ttgagaccag	cctgtgcaac	480
acagcaagac	cccgtctcta	caaaaactta	aaaaattagc	tggctgtggt	gttgctcacc	540
catagtcca	gctactcggg	aagctgagca	ntaagatcac	ttgagccan	gaggccnatg	600
cttncantga	actgtgattg	tttccantac	agnccacctg	ggtgacanag	taaanaaaan	660
gaaacattac	ataatttggc	tagagcataa	taaattgatt	tctgggttnt	gaaattnnag	720
ttgccataaa	aggnntttna	atngnccant	tcant			755

<210> 3185

<211> 1009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1009)

<223> n = A,T,C or G

<400> 3185

agcntttttt	ngaantcccc	ctttntttna	aaaatccccct	tttttggcaa	aaaattnccc	60
ccntntntna	nngttttttm	gatnccccca	tncnngaant	tnccggcncg	ggnnactgnc	120
nannggcnc	cttcgggggn	ccngtgntaa	gncnatnctt	gtntntanaa	agntggnnnt	180
nttttncgat	ngngactatt	gncnacnctc	ttccntnttg	gcagngngtc	tgganggttg	240
nggtngctca	tntggntaan	ccnatcctgg	ngaccaann	gccgnggtgn	gcntgcaagc	300
tttgnccacn	tgggaaancc	gnnagtggtn	gtctcanttg	cntgntgggn	ncntgncccc	360
atcttgnctg	ctgnancctt	ggggagcagg	nnctnggtng	tggtnctgcc	tgcttgcctg	420
tngttccccg	ggcatgcgtn	nncannaagg	gncatgcntn	gggcaanaag	gtgcgtggnc	480

anecgtnnngna	tnnnnaggac	caccntgggt	cgngaatcnn	tgggttncct	gataggaacc	540
ntnaannnct	gcngntttta	ttaaattggga	nnanangggg	ncantttcaa	gccagtnnaa	600
tgcccttatg	gaangngtg	natnacatan	cnnntatgt	gtcntanann	angaaatcgt	660
tnnncaaatt	tnnacaanaa	tnntntaan	aaagggtatt	tnantntngg	tgaaanaaca	720
angnttttaa	gtnaaatgnt	tntancanaa	ttaantaaac	nggtnttnat	gattntctac	780
naaantaacn	atncnnaagc	atttacngct	tanangtccn	cnngatactn	ncanaatatg	840
gnnnnaattn	tannanattg	cgataatctn	gnananactn	tcatnnnnna	tngtgtaatc	900
antanntacn	tgatttnnnt	naaatgaaaa	catntgatnc	aagattaatn	cattanntat	960
acnaaaatnt	tcanatanta	natntacata	taatgggttc	naataaacn		1009

<210> 3186

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3186

cggatnnctg	nagganngat	ngtagnanen	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggacccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggntctatc	ttgatgcagc	taccaaagta	240
atgtttttaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgntatgca	360
gcaacctcat	ctttaccggt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccccctact	600
caaatttcca	agtcaccttg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctgggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggct	caaaaaant	anggggcaac	cttcnaaana	840

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 3187

gcgntnntat	tagcgtgggc	tcgntctcgc	tcnacncanc	nngngctggg	cgaattcggt	60
acgagaatca	gaggaggctt	cttcatcctt	caactccatg	atgaactcct	atatgaagtg	120
gcagaagaag	atgttggtca	ggtagctcag	attgtcaaga	atgaaatgga	aagtgtgta	180
aaactgtctg	tgaaattgaa	agtgaagtg	aaaataggcg	ccagctgggg	agagctaaag	240
gactttgatg	tgtaactgtg	ctgttgatga	agtcctccca	gggaagcctg	tgcatagca	300
gtcacctgga	agaacagag	attccctttc	acctacctca	gcaaaacaaa	ctttcaagtc	360
ttgatagact	tagcctagta	attttatagt	gagagtttca	aactatatat	caagtgtcta	420
tagcatcaaa	aacttctggg	ggcgtggggg	aaagtagaat	accaagtata	atagttacat	480
tcactttcaa	agagcatcta	tgaatttgcc	ttttgttaact	tactgtgggt	ttaaacatat	540

tcagaacaga	tgcttgaaat	atgcacttag	cacttttggt	ccacatctgt	ctgggtaaac	600
catgaagaaa	atgaagctgc	tgccatcaatc	gancccagac	agcagccata	ggcagataaa	660
gatttnggtt	cacccttggt	ggtgggaggg	atcggtgtgtg	cctttttttc	ctctaataatc	720
aattttacag	tccgggaan					739

<210> 3188

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 3188

gmnngncggt	cnaattncgn	ggnntctttc	tngccnanna	nnannngcgt	gngngaattc	60
ggcacgagac	tgttcatcct	aagttccact	ataaacaggc	tcatgactcg	ggcacagaca	120
cttcttgctg	gactttttcc	tatgatggta	atgtccttgc	ctctcgtgga	ggtgacgatt	180
cattaaaatt	atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttc	240
ccaccatgtt	cccaatgact	gactgctgtt	tcagtccaga	tgataagctc	atagtcactg	300
gtacatctat	tcaaagagga	tgtggcagcg	gcaaacttgt	tttctttgag	cgtaggactt	360
tccaaagggg	gtatgaaata	gacatcacag	atgcgagtgt	tgttcgtctg	ctgtggcatc	420
caaagctgaa	ccagatcatg	gttggaactg	gaaatggatt	ggctaaagtc	tattacgacc	480
ccaacaagag	tcagagggga	gcaaaattat	gtgtgggtta	aaccancggg	aaggcaaaac	540
aagctgagac	tctactcagg	actacatcat	caccctcat	gccttgccct	tggtcccgctg	600
agccccgnca	acggagtaca	aaggaaacag	ctggagaagg	acagactgga	tccctgaagt	660
cgcattaacc	tgaacctcct	gtancangcc	cangtcgtgg	tggccgattt	ggaaccacag	720
ggggcactnt	tttttccct					738

<210> 3189

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3189

tggggnnntnn	nttctaattgc	tgggatgttc	taaangntgg	gctactcgtt	ctttccgcag	60
gancccntcg	attcgaattc	ggcacgagga	aagggtggcg	gcttctcacg	gctgagttgc	120
tgcgctgca	gacggaagct	ccccacaggc	agagctgctt	ggatgtgtga	gtcatgaagc	180
cagagaagcc	ccgtcccatg	agcagtgact	ccccaggccc	tgtgacctcc	ctcctgtctt	240
gcagctcctc	ctggcaccag	tccccagggc	tctcctgttg	gtagtccctg	cttttcttct	300
tggaaattcc	tcgtggacct	cgagatcttt	accctaaaat	agttctgttg	aatttcaccc	360
tggcaatgta	aattgatagc	ttatcttcac	agatgccaga	caatggacaa	ctcaccatca	420
gtcctctgct	cacctgagac	aaatgcatgt	ctgattgctt	cctctgccct	attgnttatg	480
tgaaaatgca	gattcactga	gccagactaa	ggcatcagtg	actgttcctc	tactgcctct	540
cacatggaga	ttgtgtattc	agtgaaggc	tgatcaaaga	ccccaaagga	atgcaccagt	600
ttatctctta	tctacctatg	acctgcgagc	tgncaccac	ccccagttgt	tgcgcctttc	660
cagacagaac	cagtgtcatc	ttacacgtat	taattggatg	tcctgngnct	tccttaatat	720
gtatcaaaac	aagctngcct	tgaacacctt	gggcacn			757

<210> 3190

<211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3190
 gnnngnnnnnnn tttctaatgc ttgggnnnnn ngtcnatgcn taagagccan gcggntcgaa 60
 ttcggcacga ggcgggcccgc gccagcggaa gccctgcgc ccgcgccatg tcaaagaaaa 120
 aaaggactga gtgcagaaga aaagagaact cgcntgatgg aaatatatttc tgaaacaaaa 180
 gatgtatttc anttaaaaga cttggagaag attgctccca aagagaaagg ctttactgct 240
 atgtcagtaa aagaagtcct tcaaagctta gttgatgatg gtatggttga ctgtgagagg 300
 atcggaactt ctaattatta ttgggctttt ccaagtaaag ctcttcacgc aaggaaacat 360
 aagttggagg ttctggaatc tcagttgtct gagggagtc aaaagcatgc aagcctacag 420
 aaaagcattg agaaagctaa aattggccga tgttgaaacg gaagagcgac caggcttagc 480
 aaaagacttt cttcacttcg agaccaaaang ggaacagcta aaggcagaag tagaaaaaat 540
 ncaaagactg tgatcccgca agttgtngga agaaatcgcc aagcaaatna agtagcccaa 600
 ggaactgctt acagatggac tgattacata ttcgcaataa aatcttnggc ccaaagaaaa 660
 atttnggggt tgaaggaaaa ttaaatgtgt tngaaccttt tgggaatttcc cgaaagactt 720
 ttgcctncnt ngacttaaaa tatttccatg gnggtgaaag gttgtccaan ctt 773

<210> 3191
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3191
 gnangnnngn ttcntagtgc ccgtgggagt cttagatncc ctaaaaaatt gntaatgctn 60
 ggtcggcacg agtcaaggcc tacgaaacag gtgatgcact acccgggcta cggttcccc 120
 atgcctggca gctnggccat gggcccgggc acgaacaaaa cgggcctgga cgcctcgccc 180
 ntggccgcag atacctccta ctaccagggg gtgtactccc ggcccattat gaactcctct 240
 taagaagacg acggcttcag gcccggttaa ctttggcacc ccggatcgag gacaagttag 300
 agagcaagtg ggggtcgaga ctttggggag acggtgttgc agagacgcaa gggagaagaa 360
 atccataaca ccccccaccc aacaccccca agacagcaat cttcttcacc cgcttgcaac 420
 ccgttccgtc ccaaacagag ggccacacag ataccccacg ttctatataa ggaggaaacc 480
 gggaaaagaa tataaagtta aaaaaaaagc ctccggttcc cactactgng tagacttcct 540
 gcttcttcaa cacctgcaga ttctgatttt tttgtgttg gttgttctct ccattgctgn 600
 tgggtgcangg aagtcttact taataaaaaa aaaattttgn gactgactcg gtgtaaaaacc 660
 atgttanttt taacagaacc nanaagggtt gncctattgg ttaaaaaaaa aaaaaaaa 720
 aaacttngng cctttagaac tattanngag nccnatttac nttaatccan nct 773

<210> 3192
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3192

ttggantctt	ctcngaaacn	cttngcnatt	gcncntntctg	naggatccca	tcgatttcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagttag	agcttcagaa	120
caaattgcc	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttgggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagagggttct	tcaaattctta	540
tgcataagca	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	athtagaaag	660
ctttggaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3193

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (856)

<223> n = A,T,C or G

<400> 3193

tggtgcngt	tcctattccg	tgctntcgtn	ctncnccagg	ancnangcgt	ntcgaattcg	60
gcacgaggaa	ggaggaccta	ggcacacaca	tatgggtggc	acaccagga	gggtagtggg	120
gagttagatt	tcagagtcca	ggccctaggt	tgggaccac	tccaaataat	ctcctcggtg	180
tggtggtgg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	anaanaaaaa	300
aaaananaa	aatnaaaaan	annanaaaaa	aaaaaaaaa	aanncccttn	cncctaaaaa	360
nattcngggg	ggntttttcc	tccannccnn	ntntttaata	nnctncttnt	tgnttcttng	420
netcaccnnt	tcttttggtg	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnnng	ttttttntnn	ttttttttcn	aaacctcct	ntntanctc	ncgtntcnaa	540
aaantnttt	ntcenennnn	nttnntntnt	nctntttcta	ttttntttc	ttntncaann	600
ttecnangtg	nnnngngtnt	ntngnggctt	gtttnttttt	ncnccctngc	gtcatccnnc	660
caataatttc	ttnnnccccc	nannccnnat	ttttntnnnc	ctctatntnn	gnngngnnat	720
atnantcccc	tttattnttn	atnantagtc	ntntnttttn	ttntccntng	tnatannatt	780
ttntntcccn	ntntaanttc	ctcannnnat	ttntntnnnn	ncngntata	tttnangnta	840
nntcnnccgg	gttnct					856

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3194

gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	gggtgtttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatggtt	tgggctcttg	at ttggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3195

cggatnnctg	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnnnt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggnetatct	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgnetatgca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaa	aactccttct	gcttcaaaga	gtangaaaat	tactggnetc	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccctact	600
caaatttcca	agtcccttgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3196

cggatnnctg	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnnnt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctgggt	tgccccaatg	tggnetatct	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300

tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgncatgca	360
gcaacctcat	ctttaccgtt	tctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgcct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagt	agantccnct	tctggnatta	cccttgcctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaata	ggcccttact	600
caaatttcca	agtcacctgg	naattggggc	caattttccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaac	ccaagccaan	cttgggggct	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3197

atccngttct	ntannnngtc	tngttctttc	tncacgaten	ntgcgattc	gaattcggca	60
cgaggggtcc	tggtgggagt	tccatccagc	agtgagtgc	ttttttcccc	agagcagtta	120
agggtcttat	taaaagccac	cactttgctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgccentact	gggaggtttg	240
gggttgacct	tggtccagc	agagataccc	agcctggcnt	ggaagggcag	gtcttgagct	300
tacgcttgac	tgcaagggca	agctgcaggc	ctcttctgcc	ttcccttgca	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttgggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaa	aaagtaaatt	cctgcttggg	ggccaggcc	540
ttctttttca	agggttgct	tgtgaatgcc	caacaaaaaa	aaagggggccc	ccaaggccca	600
atcccttact	tctnggtcc	ccccaaaaag	ggatnccaan	ttgggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnacca	cccaaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaacccnn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaa	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggct	ctttccnacy	naggatccca	tcgattegcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctcccac	ctcggtctcc	caaagtgtct	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttgggtgga	atctttaggg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaca	gagataattt	tacttntctc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccata	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gccttttacc	360
attgaggatg	atgtttgctg	ttagtttttc	ataaatgata	tatatcaggc	tgaataaatt	420
tctatttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agcctttaa	actatagnga	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540

gagtttggca	aaccacactn	naatgcagtg	aaaaaaatgc	tttatttgng	aaatttggga	600
tgctattgct	taatttgnaa	cccttttaag	ctgnaataaa	caagttaaca	acaccaatgg	660
attcatttat	ngttcangtt	cagggggagg	tntngnaggg	tttttaattc	cgggccnnng	720
gnccaaanca	ttt					733

<210> 3199

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (870)

<223> n = A,T,C or G

<400> 3199

nagttaanag	taggtcttgt	cttttgcaag	atcntancga	ttcgaattcg	gcacgagtat	60
ataacaactt	ttgctttcaa	agttgggtgg	gactagancn	cncantggaa	ggntggagtc	120
agganacctg	gattnttgng	cccgntntgg	nttttacagt	ntgcctaant	ttntgcagtn	180
acttcntgcc	ancctgtttc	nttacntnca	anagggaaag	acantccttg	gccagcctag	240
ttttnagggt	gaacgaaagg	tcntntncac	tgcntcctct	agtcatttgc	ttcttcgnta	300
attaacacat	cttgagcacc	tgcnatgttc	caggaacagg	agatggcanc	gtgcaagata	360
aagtcacctga	cttctagaga	ctgcatgtta	gtggcaatcg	gcgtntaccc	ggccttnaat	420
aaactactga	atgaaggaaa	attctacctt	caccagacac	aattactggg	gtttctaaaa	480
tggaattatt	ccccggcccc	cntgcatcca	gcagcctgnt	gcagggaaac	tcctccnaaa	540
ggcttgtaag	gcaaggaanc	cgggacaatg	gcntggctat	ttaagcttnc	aacaagatgg	600
ttacccttaa	gtncctaatt	ccctaacacc	aagggggccc	ttaccaggga	aacccaaacc	660
aggttaaaaa	accccaaagt	tgggnaaaaa	gccatttgcc	anccggggcc	nttttaaaaa	720
aaacctttta	aaaacctttc	ccttttaaaa	ctttaccttc	aagntaaaan	tttaagggga	780
atgggnccaa	nttttttaac	canccccaac	aaaaanttng	gnaatttttt	ttcccnaaat	840
tttttnaant	tccccaaatt	tnggaaaang				870

<210> 3200

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3200

nagtttaann	gtatgtcttg	tcttttccaa	gatcctatcc	gattcgaatt	cggcacgaga	60
agtgtcagtt	ttcctaattct	cagtccaggt	aggattttaa	aantntctca	agtgttgatg	120
ctntccaagc	ntgttggggg	ggaaggggaat	tggtgcccag	aaaatgggac	tggagtggag	180
aatatctttt	cttttgagag	tnccccaggt	taatttntnc	tgtgcttnat	tgctnctgtn	240
ctttattgtg	aatgttgtaa	catttttaaa	atgttttgcc	ntagcttttt	aggacttggg	300
gttaaaggag	ccagtgggtct	ctctgggtgg	gtntctataat	gagttattgt	gaccacacagc	360
ttgtgtggga	ccacatcact	tgtaataaac	acaaccttta	aagtaaccca	tcttcacagg	420
gggttccttc	atgttgccac	tcctttttta	nggacaaact	caggcaagga	gcatgttttt	480
tngtnattta	caaaatctan	cagactgtgg	gtatccatat	ttnaattgtc	gggtgacaca	540
tgttcttggg	aactaaactc	aaatatgtct	ttctcatata	tgtgctgatg	gttttaataa	600
atgtcaaagt	tctcctgtta	aaaaaaaaaa	aaaaaaaaac	tcgagccttt	anaactntnt	660
gagtcgtnta	cntagatccn	gacatgataa	gatcatgatg	agtttggaca	accncaactng	720
aagcagtgaa	aaa					733

<210> 3201
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3201
 gatgccgggt cctatgatgn gctctcggtt tcttaggagt tccaanactn ggctngcncg 60
 aggnctnta aatatatctn ggntttanta ggtgataagt nctgtcantt agtancatct 120
 gaaaaancag ctttgtcctg ggtgaaaaag gatgccaaaa ttgcttgga aagagcagtg 180
 anaggagtcc gggagatgtg tgatgcntgt gaagcancat tgtttancat tcaactgggtc 240
 tgccaaaaat gtggatttgt ggtctgctta gattgttnca agggaaagga aaggaagagt 300
 tctagagata aagaactata tgcttggatg aagtgtgtga agggacagcc tcatgatcac 360
 aaacntttta tgccaaccca aattatacct ggttctgttt tgacagatct tctagatgcc 420
 atgcacactc ttagggaaaa atatggtatt aaatcccat gncattgtct aacaaacaga 480
 atttacaagt tggaaatttt cctncatgaa tgggtgatct caagtttaca gaatgtctta 540
 atcacagtat aaaattctct gngcatgcct gagtctcagc gccaaaatcc tccctccgaag 600
 tctgagaaaa atggtggcag cnnccccana aagtgatgtt nggcnccaga ttaccagggtt 660
 aacttctctc agaatnccag tcaccactgn actggntagc anatcttgcc gagccaaaaa 720
 gccnnaagng ggaaaaaaaa aaaaaaaa 748

<210> 3202
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3202
 ggnnnnngnn ngntnnegtt cctattant caggngctcg ntctntctcn annnancnng 60
 gcgtgtncga attcggcacg aggattttcg aaactcttca gctacttgcc cttttttatc 120
 tgaaaccatc ataccttctg aaagaaaaaa gcatatcttc attgacataa cagaagtga 180
 atggcccagt cttgatacag atggtccatg atatatatgg agagtggcat tgtgaagata 240
 acatctttag atggtcatgc atacctctgc ctgcccagat ctcagcatga atttacagta 300
 cattttttgt gtaaagttag ccagaagtca gactcatctg cagtgttgtc agaaacaaat 360
 aataaagccc caaaagataa actagttaga aaaactggca aaatctgtat acgtggaaat 420
 ttaccaggac agagactgaa gaataaagaa aatgagtttc attgccagat catgaaatcc 480
 aaagaaactt taaagaagat gagttgtgta aatggaactg aagggagggg aagaactgcc 540
 ttcgcctggt acaaagcaca catgtgtata cacatgggtc aagcagtgct ggtctgtggc 600
 tgnctgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagtgag 720
 tcgtattacg tagatncnna catgataa 748

<210> 3203
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3203

ctaaatgctt	tggganagnn	ncccccttga	ancctntnaa	atcctttggc	aanttgcnet	60
cnetgtngga	tcccacgat	togaattcgg	cacgagagac	agggagaaga	gaggaagagg	120
gagctgcagg	tgccagaaga	gaacagggcg	gactctcagg	acgaaaagag	tcaaaccctt	180
ttgggaaaat	cagaggaagt	aactggaaag	caagaagnca	nggtctaaag	gagaaagggg	240
tcccagtcag	cgggcaggag	gcgaaagagc	cagagagttg	ggatgggggc	aggctggggg	300
cagtgggaag	agcgaggagc	aggggaagagg	agaatgagca	tcatgggcct	tcaatgcccg	360
ctctgatagc	ccctgaggac	tctcctcact	gtgacctgtt	tccaggtgcc	tcatatctcg	420
tgactcagat	tcccgggact	cagacagagt	ccagggctga	ggaactgtcc	cccgcagctc	480
tgtctccctt	gctagagccc	atcagatgct	ctcaccagcc	cattttctcta	cngggctcct	540
ttttgactga	ggagtcacct	gacaaggaaa	aactttctatc	agtactttga	tatgtcacag	600
tttcatgttt	atccagttca	atgtattttt	aaatttttcc	ttgagacttc	tttgactgat	660
agattattgt	gaagtgtgtt	tttaaaattt	ncaaattgtt	aagggaattt	catatctttc	720
ttaatgctga	tttccaattt	ggattcccta	caatgattct	gggattcatc	tgctctggac	780

<210> 3204
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3204

tcttttaaatg	cttttttncaa	gccttgtttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactacccccg	gctacgggtc	ccccatgcct	ggcagcttgg	ccatgggccc	120
ggtcacgaac	aaaacgggcc	tggacgcctc	gccccctggc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggcccgg	240
ctaactctgg	caccccgat	cgaggacaag	tgagagagca	agtgggggtc	gagactttgg	300
ggagacggtg	ttgcaagaga	cgcaaggag	aagaaatcat	aacaccccca	cccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgtgtt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacnagnacc	cttaattgggt	tgtacntata	tgntttnaaa	acatgnnaan	aaatatattaa	720
tgtaaagggnn	ctgttnntaa	atntaaccac	ntanagaant	tnnaaanntt	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3205

ttttaatacn	tttttnaatn	cttgcttncg	ntcctttgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gcaattccac	tcctagctcc	accacaggt	aattgaaagc	aaagacgcaa	120
acagatgcct	gtgcaccaa	gttcacggca	gcatecttcg	ccatagtggc	agcatccgtc	180
gtcacagcgg	natcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	240
ttcgccacag	cggcagcatc	tgctcgtcaca	gnngcagcat	ccttcgccaa	agcggcagca	300
tccttcgtca	tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	360
actgagggcg	gcatagacta	aacatggcca	gtccaggcac	tggaatccag	gccgtanaac	420
ggngcccaen	gtcaaaaagga	atgagaccct	gatgactgg	gcgacacaga	cgggcgacac	480
agacttgagg	acatcatgct	aagtgaagaa	ccaggcacac	ggagcggacg	gggtgatcct	540
gctcacgtga	tgtgtcccga	atgggcacnt	tcagagggga	agaanggaga	tggcgcttga	600
cngtgnccgg	gacnggggtt	gggagcgacc	ggttggttgg	ttnggggttc	ttctnngggt	660
gaaggaaatg	tttttgatat	tggggccggt	tgggtgatnt	ttgcattacc	ctttgaatat	720
gcttanaacc	cnctagaaat	tgnnacactt	tttaaantgn	ttggaaatt		769

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

tgttctaata	ctaggtntac	tcgccttttg	caggatctna	tcgattcnaa	ttcggcacga	60
ggggteectg	tgggagtnnc	atncagcagn	ganngcattc	tttcncaca	ncagtnaacg	120
gtcttattaa	nagccaccac	tttntgang	cctgtacagg	ccttgngngt	tngngaaca	180
gaaatnncgc	aggcaacttg	accttcaagn	anggacttgt	gcctnactgn	naggggtggc	240
gttgaccttg	gctcnacnga	catacccant	ctgaacttna	acngcncgt	ctnagcttac	300
gctagactgc	acnnccaagn	ttgcangcct	nttntgnctt	ccctgcattn	accaatgaca	360
gtacgaccaa	cagtcaanga	aaagtgccaa	gatatatcta	tcccatttct	tctacacctg	420
tanattcctn	actatgctca	aactatgtgg	ngcaangaan	actggngnac	atTTTTtagtc	480
aatgatgctg	acaattaatt	actggtgngg	ccaggcatat	nttcacggct	gcttgatgatg	540
ccaacnaaga	acggggcccca	gcccatcctt	actcctngnc	cccaaanaga	tccagtngga	600
atgggaagct	gnnannacca	acccaactnn	tgattttacca	ccaacnccaa	anatcacgca	660
tgnnnacagc	aaaacaacaa	cncnatgcac	ttaacaagna	nccnaaaant	naactcngnc	720
ctctaaaact	attngggant	cctttanct				749

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3207

gnatgncccg	atttccttaa	tgatgggggn	nnnnngagcg	anncttccga	aantccaat	60
annctggng	ntcgcaactc	ntcnanaca	gnaaggncgn	gggctttgct	ctctccattc	120
caagttgntc	tctgttctag	aaagcagatg	tagtagacat	ctactgttgt	tgctgaaca	180
gaatcccttt	gtcctttttt	tgntaaaagt	actcatccct	aatattcatt	gtncgtggaag	240
gactgaaaat	acagaactca	caccatgatc	ggccgggaca	atcagattat	ttcattccnc	300
agcaaacgga	gatcganccg	aaaagtggaa	anatgagcnc	ttctttggng	ttggcatatg	360

gaccctgaga	gaaagaactn	tnattntttc	tcttggactg	caataaagta	tagctgccta	420
aaatacgnnt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaataaag	gcgagaccgn	480
acactggatg	aaaaaaanaa	gnnnccngnn	gaanaccac	tnnnccannn	nccnnnccnn	540
tnccnccann	ngancnenn	tanccgnnan	nagggcnnng	cnntngcnnc	nnngccnnnn	600
nnnnnnnggg	aaaccennnn	gnnnnnccnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnngnnctnn	nnnnnnnnnn	ccnnnnccnn	cnncnccnnn	nggnaanncc	nnnnnnnnnn	720
annnnngggn	nnnnnnnnnn	ccnnnnnnnn	cannnnnnnn	cnnnnnnggn	nnnnnnnnnn	780
nnnnnnnnnn	ncnnngnnnn	acnnnnnggn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnncccc						848

<210> 3208

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3208

tgggnnnngnn	ccnaangcng	gggannnggt	ccccgttcca	anactggaan	ncttggcann	60
cgaactcgct	cnannagnaa	ggccgggnga	attcggcacg	aggccccgct	ccatgagcag	120
tgactcccca	gctcctcctg	gcaccagtec	ccagggtctt	cctgttggtg	gttccctgctt	180
ttcttcttgg	aaattcctcg	tggacctega	gatctttacc	ctaaaatagt	tctgttgaat	240
ttcaccctgg	caatgtaaat	tgatagctta	tcttcacaga	tgccagacaa	tggacaactc	300
accatcagtc	ctctgctcac	ctgagacaaa	tgcatgtctg	attgcttctt	ctgccctatt	360
ggntatgtga	aaatgcagat	tactgagcc	agactaaggc	atcagtgact	ggtcctctac	420
ctgcctctca	catggagatt	gggtattcag	tgaaaggctg	atcaaagacc	caaagggaatg	480
caacagttta	tctcttatct	acctatgacc	tgcganctgc	caccaccccc	agntggngcg	540
cctttccaga	cagaaccagt	gtacatctta	caggtattaa	atngatgtcc	cnggggctcc	600
cnaanangna	tcaaacaagc	ngggcctega	ccaccttggg	cacatatccc	nanggacatc	660
annctggagg	ctngngncac	tggcattggc	cctnaccctn	ggcaaaataa	accttctaaa	720
attggnaaaa	aanaaanaa	aaaaacctng	nnccctntna	naacnntacg		770

<210> 3209

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3209

gtgatctttn	tgagtggggg	ccntnctngc	tctannan	aggttnggng	ggctagcgat	60
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gaatttcggc	ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	180
gatgatcaga	aaagagctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccctgat	aggggttgcc	300
gacaggagct	tgaaattgta	attggagatg	agcacatata	ttttaccaca	tcaaaaatag	360
gttctcttat	tgatgtaaat	caagtcaaag	gatcctgaag	gccttcgagt	attttactat	420
ttgggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	480
ccaattttaa	ttgtatgttt	tcaagctggg	tgnatattta	attaaaggga	tgggaagggg	540
ttattttgtca	tttacagtat	tgggggttta	tgaatgtgaa	gcaacccaaa	aaaattnnaa	600

tgtaaaactg	gaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn	660
ctgggttttg	aagtccccac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt	720
tctctat						727

<210> 3210

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3210

gnngctancc	tttctatta	nnttgganct	ntnttctntc	tncangtanc	nnntgcnctg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaagaa	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggg	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gttagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaaag	360
ccccaaaaga	taaactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aatttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgcca	gatcatgaaa	tccaaagaaa	480
ctttaaagaa	gatgagttgt	gtaaatggaa	ctgaagggag	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctgggtctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgncttttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaananana	aaaaaaactc	gagccctnta	naactntngt	gaggccnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3211

gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgnngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	gggtgtttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atgttgaatt	gatgatgtaa	tgagccctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3212

<211> 763

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3212

ngggtgnnnn	nnttttcta	nctgggggnc	nntnnnnnn	ntttccta	ncttaggngc	60
tcgttctttc	tccangcagn	nnngcgtttc	gogacagctc	tccaatactc	agggttaatgc	120
tgaaaaatca	tccaagacag	ttattgcaag	agtttaattt	ttgaaaactg	gctactgctc	180
tgtgtttaca	gacgtgtgca	gttgtaggca	tgtagctaca	ggacattttt	aagggcccag	240
gatcgttttt	tcccagggca	agcagaagag	aaaatgttgt	atatgtcttt	taccgggcac	300
attccccctg	cctaaataca	agggtctggag	tctgcacggg	acctattaga	gtattttcca	360
caatgatgat	gatttcagca	gggatgacgt	catcatcaca	ttcagggtta	ttttttcccc	420
cacaaaccca	agggcagggg	ccactcttag	ctaaatccct	ccccgtgact	gcaatagaac	480
cctctgggga	gctcangaag	gggtgtgctg	agttctataa	tataagctgc	catatatttt	540
gtagacaagt	atggctcctc	cgtatctcct	cttcctagga	gaggagtgtg	aacaaggagc	600
ttagataaga	caccccttaa	acccattccc	ttttccagga	gacctaccct	tcacaggcac	660
aggtcccca	atgagaagtc	tgctacctca	ttttctcatc	ttttactaaa	ctcaaangca	720
ntgacagcag	tcaggggacag	acattcattt	cttnatacct	tec		763

<210> 3213
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3213

gnagnnecgn	ttcttatgat	cgtggctnct	cntctanngg	ttgtgtaatg	ctnggtcnnc	60
angannnnnt	gcganncgaa	ttcggcacga	aggggggttc	ccaatagtag	aaaagggtcc	120
ccattcctgc	tcagcacccg	acctctctac	ccccccacag	acacacatgc	agacacacac	180
atgcagacaa	cacgcagaca	cacacatgca	ggcactcaca	tgcaggccca	tgacacacac	240
cgtgcacaca	catgcagaga	catgcagaca	cgcaggcaca	catgcacaca	tgcaaagaca	300
cgcacgcagg	cacacgcaga	cgcacacaga	gacacacatg	cagatcacat	gcacacacac	360
atacacacac	tggtccctgt	ttttctgtgg	tgtcactggg	tgccagcaac	tcggtatctn	420
ccaccttcca	ctaaaacctg	ggccttaatt	tctctccgt	ccccacctct	aaattcctga	480
tggtatgaac	tagagctgtc	ctgtccactc	caggccggac	tgacgtancc	tatggggcca	540
gcagggtccag	ggccacggtt	ttaattttct	tttnaaaagc	tttaggtctt	ggccnggccg	600
ccggtgggttc	acgccttggg	agttcccagc	atttttnggg	aaggccnaag	gccgggttgg	660
attcacaag	gtcaagcaag	tttcaaggaa	ccaagccttg	aaccaggcca	ttgggtgagg	720
aacctgggc	ttnttactng	ggnaaattcc	caaaaaaaaa	ttggccttgg	gccnaagggt	780
gggcaagggc	acccttggtg	gggtcccca	antttacct			819

<210> 3214
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3214

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angannnnnt	gcganncgaa	ttcggcacga	aggggggttc	ccaatagtag	aaaagggtcc	120
ccatttcctgc	tcagcacccgc	acctctctac	ccccccacag	acacacatgc	agacacacac	180
atgcagacaa	cacgcagaca	cacacatgca	ggcactcaca	tgcaggccca	tgcacacaca	240
cgtgcacaca	catgcagaga	catgcagaca	cgcaggcaca	catgcacaca	tgcaaagaca	300
cgcacatgcag	cacacgcaga	cgcacacaga	gacacacatg	cagatcacat	gcacacacac	360
atacacacac	tggccctgt	ttttctgttg	tgtcactggg	tgccagcaac	tcggtatctn	420
ccaccttcca	ctaaaacctg	ggccttaatt	tctctcccg	ccccaccct	aaattcctga	480
tggatgaacc	tagagctgtc	ctgtccactc	caggccggac	tgacgtancc	tatgggcccc	540
gcagggtccag	ggccacggt	ttaatttctt	tttnaaaagc	tttaggtctt	ggccnggccg	600
ccggtggttc	acgccttggg	agttccagc	attttnggg	aaggccnaag	gccgggttgg	660
attcacaag	gtcaagcaag	tttcaaggaa	ccaagccttg	aaccaggcca	ttgggtgagg	720
aaccttgggc	ttnttactng	ggnaaattcc	caaaaaaaaa	ttggccttgg	gccnaagggt	780
gggcaagggc	acccttgttg	gggtccccaa	antttacct			819

<210> 3215

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 3215

nggnnnntnn	nnnnnatncc	ntgatcgtgt	ntcgttcttt	ctncaggatn	nnntcgtttc	60
gaattcggca	cgaggaaaag	ggagccgcgc	agngcctacg	ggagtncggc	ggcagcagcc	120
ggtaccggca	accacgggca	gctctcaggg	aatctccgtc	gttgaggcca	naggctccag	180
tccccgcgag	tccagatgcc	tgtccagcct	ccaagcaaag	acacagaaga	gatggaagca	240
gaggggtgatt	ctgctgctga	gatgaatggg	gaggaggaag	agagtgagga	ggagcgganc	300
ggcagccaga	cagagtcaga	agaggagagc	tccgagatgg	atgatgagga	ctatgagcga	360
cgcgcancn	agtgtttcag	tnagatgctg	gacctggaga	agcagttctc	ggaagctaaa	420
nggagaagtt	gttcaaggga	acgacttgan	tcanctgccg	gnttgcggt	tgggaaggaaa	480
ntgggggggc	ttgaanaaga	agcccctgga	atnccaccgg	aagccccctt	ttgggggggg	540
gccttgcaaa	ccgggaancc	ctttnaaagg	aatttcngcc	antttcaang	gttggggccaa	600
ggggaatcnt	accnaagggg	ccttctnngc	cttgggnatg	tgaatccang	gnaaattaag	660
gtncccaatt	gntgaancct	tccaanggga	ancccaaacc	agcacccttg	naanaagttg	720
agaaaacttg	cttgcntctt	ntgacacccc	tncnaggggg	aacttcaagg	aaccggttcc	780
tnaggcttgg	aaggaggacc	cccananccc	tggancctaa	attnttaaat	gggtnggacc	840
accn						844

<210> 3216

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

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<400> 3216
gtntngnnng nngttnnatt atatggntcg nctnnctena nnancnange ttgngctgac      60
aacttgattg gggtctcctt caggtttgaa gcgccctcna gaagtgtcta aaggagacag      120
ttgatagcca aacaacagtt ttggattcac tgactgatta tgaaagaagc agtagactgg      180
tatcaagaat cagtcagcaa ggaggccctc accagacgcc agtgccatgt tcttggactt      240
ctcagcctcc atattcatga actaagtttt tggaatcctt aggtctccac gtgtggaaag      300
cctgagctaa cctactggag gatgagccat cacctggagc agattcaggc catcctagtt      360
gaagcctccc taggccaagc aaccgtccaa ctaccagaca ttgaccattc agccttgaac      420
attcagcaca aagacaaaac agaccagacc agaagagtcc cacagaatag gggaaactat      480
tcagagaaaa cttaagccac taagttttat ggtgttttgt tcttgtagcc agaagcatag      540
gcatactggc caatacaaac cgaaatcctt ctaacgtant ggaccctttt caggccagca      600
ttttttccct tgaaaacctg ggagccttgt attccatctt attagcagaa gatcactttc      660
accaatggtt tgggctcttg atttggaatt gatgatgtaa tgagcctnta ttcnanatgn      720
gacttaatac ctctgcgaat tgactggatt ccn                                     753

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<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

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<400> 3217
ttggantctt ctngaaacn cttngcnatt gcncntctcg naggatccca tcgattcgaa      60
ttcggcacga gggtcttcaa agccaaccaa gacaggcttn tnagtttttag agcttcagaa      120
caaattgcca aaagccagag ttgtttatgc tagtgcaact ggtgcttctg aaccacgcaa      180
catggcctat atgaaccgtc ttggcatatg ggggtgaggg actccattta gagaattcag      240
tgattttatt caagcagtag aacggagagg agttggtgcc atggaaatag ttgctatgga      300
tatgaagctt agaggaatgt acattgctcg acaactgagc tttactggag tgaccttcaa      360
aattgaggaa gttcttcttt ctcagagcta cgttaaaatg tataacaaag ctgtcaagct      420
gtgggtcatt gccagagagc ggtttcagca agctgcagat ctgattgatg ctgagcaacg      480
aatgaagaag tccatgtggg gtcagttctg gtctgctnac cagagggttct tcaaattcta      540
tgcatagcaa tccaaagtta aaagggtttg tgccactagc tcgagaggaa atcaangaat      600
ggaaaaatgt gttgtaattg gtctgcantc tacaaggaga agctangaac atttagaaag      660
ctttggaaaag aaggccggng ggagaaattg aatgattttt ggtttcaact nccaaaaggt      720
gtgttgcnct cccttctttg aaaaaacatt ttct                                     754

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<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

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<400> 3218
tggtgccggg tcttantctg ngctctcgtc ttcctttetta tacctgggca ncncttggcg      60
gccccnaggn tcccangnag ccnngcngng ncngattcgg cagcagattc caaaggtttc      120
aaagaacttg gtcataaata tgataatgag aagacaaagt atttatatta aaacagttta      180
gtagccttca gttttgtgaa aatagttttc agcacagaaa ctgacttctt tagacaaagt      240
tttaaccaat gatggtggtt gcttctagga tatacacttt aaaagaactc actgtcccag      300

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tggtgggtcat	tgatggcctt	tagtaaatg	gagctgctta	atcatattga	tatctaattt	360
cttttaacca	caatgaattg	tccttaatta	ccaacagtga	agcactacag	gaggcaactg	420
tggcattgct	tccttaacca	gctcatgggt	tgtgaatgtt	ataaaattgt	cactcagata	480
tatttttttaa	atgtaatgtt	atataagatg	atcatgtgat	gtgtccaaac	tatggtgaaa	540
agtgccagtg	gtagtaactg	tgtaaagttt	ctaattcaca	acnttaattc	ctttaaaatn	600
cacanccttc	tgcctctgna	tttgggaagtt	gtcagtncaa	ctcatcaaag	aaaactgcct	660
aatntnaaaa	tcataattntg	ggaataattt	ccctcttttg	tagtctgccc	aagatcetta	720
aagattggat	ttttattact	atttaaacca	gtggattaat	n		761

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3219

caaaanccct	tttгнаannn	nccnnagnnn	tttnatnncc	tnnttgcaaa	tngcttggt	60
actcgttctt	tctgcaggat	cccatcgatt	cgggaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagttagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagttttgg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttgttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgate	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	ttttngangca	tgaatattaa	acatttttta	660
tttcaagtaa	cctttttccc	ctgtgtaaag	ttactatggg	ttggtggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggg	tnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3220

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3220

taatgctggg	tactgccctt	caaatecttg	caatecccttg	gnaaneggnc	cngcngaccc	60
atcgattcga	attcggcacg	aggttatatt	aaattattct	ttgntnttct	ttgtctttta	120
ataaagcctg	caagttacta	aattgnagtt	ncataaatcc	tgtagtnaag	tatcatcttg	180
gcagngtgcc	aaaggtgaaa	angntgcttn	ctctaacaga	gaaattctta	gngactccag	240
tcgtanaaaa	acgtctttac	aacctgaata	agatnganga	attgngaaca	taccatggcc	300
tattggatga	atcatttgcc	ggnggctana	ncagactgta	gggtttgtga	tggatntatg	360
gagtatgtgg	gtatagaaat	catgaatntn	ccatttgnnn	ncagagattc	aagcntanac	420
ttaatgggta	gatcataaat	gacagaatga	attcaaaacc	tagcacgtgc	attgtaaatg	480
tgtgcccaga	tatgtnttgg	aaatggcagn	tccttggggt	catgtntcta	ctggcaaaat	540
ttgctatagn	gnnactattg	nantgtaatt	ataaaattna	tcannattat	ncaccgattn	600

gccaagtaaa	ctgtactgtn	cataggaatt	ttgggaattg	tgcanaaatt	ggatcaattg	660
aanttnagaa	cngatgtctg	ggcttaaaaa	tttatcnggg	accacnnatt	angaaactna	720
catntttcgg	ngctgaggtt	cattgnccaa	ggccangaag	gtntttnccg	aaaanc	776

<210> 3221

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3221

ctgctgtcaa	ggcttgaaga	gccggcacac	tcaatggcaa	acacangcac	cgagtctgct	60
ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcatcagtc	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgcag	240
cgcattccaa	ccacctggga	gcatttataa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcncnacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3222

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3222

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ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcatcagtc	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgcag	240
cgcattccaa	ccacctggga	gcatttataa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcncnacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3223

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3223

ttgtgaance	cttttganac	ccnttttgcta	cttgcctcttt	ttgntggatc	ccatcgattc	60
gaacgttccc	ccgctacata	gtcttttcttt	tgtgttatatt	agttttaccat	ttcttttttct	120
catcttggtta	taacctccac	gagttgtgtc	tctttttgttt	tctacattat	acccaacggc	180
tagcacataa	caggcaccca	atatatactg	aacgaactaa	ggaatgaatg	aaggaatgaa	240
tgaatagggtg	gcttatagga	aacccctggg	gccagggact	ctgcaacatc	accatgtaac	300
ttttttctttg	tgctgagaag	cagagagaaa	caatagaaga	tatctcttaa	tctctcaagg	360
atgctactcc	caggactgct	tgcaatttcc	gaggagataa	gccacaagtt	acagaaagga	420
agcagctgtg	tagggcctgc	aagtttcctg	ctgcaagtca	ccctatgttc	agaagttacc	480
ctggctgggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctgangc	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtggtgg	catgaagcct	gtaataccca	gcttccttgg	660
gnaaggctta	angtgggnag	aaatnaccct	gancccccang	gggggtcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnggg	caaaccnna	attnagancc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3224

ggatcttttta	tnccttttgn	atccccctnnc	tttggcnaat	cgccccgaatt	cggcacgaga	60
gttggagaac	attatgctgg	agagagnttt	tnaagaaagg	gagatggttg	aaacttcnca	120
agctgctgct	ctgtttctgc	ccaaccgcat	ggtgcctgga	cctgactaca	attcctacaa	180
aagtgcctac	agccccagcc	cagtggaaacc	accaagcaag	gacttctgta	attntttgcc	240
cacctgcctt	gatttaacca	tgcagtattc	agggtctggg	aatatggaac	taattttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatcccttg	tcctcaagat	ttttaagttt	360
ggcccaagtg	tgccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcc	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaaggga	gcacgagtcc	480
aggatggact	cagtgcatag	caggacatga	tgccatnnaa	attggaaggt	tccttggtgc	540
tgcctcacac	ttcctgagat	ccagaccacn	agaaaagtgc	cttcanggtc	atcangctgt	600
cccagagagg	tccgcgttnt	tccnaccctg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccttttgg	cnacttaanc	cattaaatcc	aattccnnc		769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 3225

gnggaggggn	gggaagnngg	gngcagnnnn	ncnaaaacnn	nngcacanca	ancncnnang	60
aacncnnnca	gnncncnncg	nanacancaa	ngngnaaccc	tttcaaaancg	cttgggcaa	120
cgcnncngct	gnaggaccca	cganncgac	ccagccnnct	cctccaacgc	cctnnngatc	180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aacccaatng	tnnnaacttg	240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccacccc	300
accngactt	anaaaatcca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtcgc	360
ccccttgact	gtacacacat	gnggagnnca	gagccaccca	tngagagagg	ctgctcagct	420
cagcaccctg	ngcanggctt	cctagaacta	ncncagancg	ggggannccn	tancccgat	480
tcnggggnagc	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggaccca	540
ccctggnaaa	aagccacgta	aaatgggnacn	ancnntccan	ggcanccang	gncnactac	600
antcncnagc	acctccgngn	cncaanccgn	antcnnagaga	aanngnntan	nnncnangag	660
nnncccggan	nnnngnaatg	gccagnnaag	ctgnnncccn	cnggaacnag	nnaacgnnnn	720
ggcntatcca	ngtgcacnc	ctncnngnc	gccanctccc	aaangncncg	aacgaggcnn	780
ngncagaana	nctctgttaa	aagaacaccg	ancaggcnaa	ggccnccact	tgananncct	840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc	900
tctaaaaaaa	aaccg					915

<210> 3226

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3226

agnntnnttn	nnntataaaa	ncctntggaa	ctnccctcttt	nngttgatcc	catcgantcg	60
aattcggcac	gaggcaaggt	tgtgacattg	tcactttttt	gttctagact	cttttaaatt	120
ttctgcattt	gcctgaaaag	cacccctgta	agaatagatt	tctcatggct	ctaaaaatta	180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaa	240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaaa	aatctcttca	300
agaggcatct	ctgggtcttg	gacaagacct	cttcaaaaac	ccacagtaaa	actcccctcc	360
ctccagttgg	ccaccagtct	gccaccaaac	atgaacaaat	tctgctgcta	atcggtttcc	420
cttgtgatct	ggttccctgag	gtcttcggat	ctgtgcaatg	aattatztat	tgntttatta	480
aaccgacagt	gggtgtccag	agaggaacca	taaataaaaat	ggaaatctgg	tgctgtgata	540
aagtaataac	tagcattaat	gagacctgg	tttcctttca	gaaagtccag	tataacctgta	600
acaaaggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat	660
tctnacaaaa	aatgcatcga	gtctaattct	tacctctatc	aaaaaacaac	tgnttaaatt	720
tatgaccaac	atttaaacna	aaaccaaaaat	ggaaaatttt	ctttttnnn		769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

atcnatccnt	ttcttttatag	cttngtttct	ngttctntct	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120

agaaatcaat	tgtctttcat	tgaatcaaac	ggaaaacctg	ctggcttctg	ctgacgactc	180
tggggcaatc	aaaatcctag	acttggaaaa	caagaaagtt	atcagatcct	tgaagagaca	240
ttccaatatc	tgtctctcag	tggcttttctg	gcctcagagg	cctcagagcc	tgggtgtcatg	300
tggactggat	atgcaggtga	tgtctgtggag	tcttcaaaaa	gcccagaccac	tctggattac	360
aaattttacag	gaggatgaaa	cagaagaaat	ggaaggccca	cagtcacctg	gtcagctctt	420
aaaccctgcc	ctagcccatt	ctatctctgt	ggcttcgtgt	ggtaatatatt	ttagttgttg	480
tgcacaagat	ggtaagggtc	gaatctttctg	ggtgatggga	gttaagtgtg	aacaggaact	540
gggatttaag	ggccacactt	canggggtatc	ccaagtctgc	tttctnccag	aatcctattt	600
gctgcttact	gganggaatg	atgggaagat	cacgttgtgg	gatgcaaaca	gtgaaanttg	660
agaaaaaaac	cagaagaagt	nccacaaaaa	cgtaccccn	caggaaggaa	aaccctaaaa	720
ananggaacc	ttgcaccna	nccngggntn	ggaaaatacc	taaccnttt	nntnacct	778

<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 3228

caaaaaccct	tttgnanann	nccnnagann	tttnatnncc	tnnttgcaaa	tngettggct	60
actcgttctt	tctgcaggat	cccacogatt	cggaaattata	gtattgacgt	gaatcccact	120
gtggatataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcatttctgt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagttttgg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttgttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	tttnangca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgtaaaag	ttactatggg	ttgggtgnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggg	tnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 3229

gnnnnnnntt	nnnnntttgc	aaatnccttn	gnaaannncc	nagnnntttt	anncnttntt	60
tcnaatnctn	ggctactngt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgaga	120
gnaatcaata	tcttgaaaat	ggccatactg	cccaaagtaa	tttgtaggtt	cagtgtctata	180
cccatacaaac	tatcattgac	tttcttcaca	gaattagaaa	aaactacttt	aaatttcatn	240
tggaaaccnaa	aaaagagccc	atatagccaa	gacaatccta	agcaaaaaga	acaaattttg	300
aggcatcatg	ctacctgact	tcaaaatata	ctacaaggct	acagtaatga	aaacagcatg	360
gtactggtac	caaaagagat	atatagacca	atgaaacaga	acagaggcct	cagaaataat	420

gccatacatc	tacaccatct	gatctttgac	aaacctgaca	aaaggaatgg	ggaaaggatt	480
ccctatttaa	taaattggtg	tgggaaaact	ggctagcctt	atgcaggaaa	ctgaaactgg	540
accccttcct	tacactttat	acaaaaatta	actcgattca	ttaaagactt	aaaagtaagt	600
tctcaatgta	taaaaaccct	ggatgaaaac	ctaggcagtc	cattcaggac	atagcatggg	660
caaatacttc	atgactaaaa	cacccaaagc	aatgtcaacc	aaaagccaaa	attgacaaat	720
gggatctaac	ctaaactaaa	aaacttggtg	tgcagtttta	ttttgggant	gtgtgtgggg	780
gtacctctga	gttttcaaaa	aatgaagaaa	gtaagtcc			818

<210> 3230

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3230

gnttgaannc	ccttngnntt	caaatngatt	gttactngcc	ttntgcagga	tcctctgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcattttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaaactgt	gcagtcatta	tgccagaaat	tatcttaaat	atataatggg	tcaccttgct	480
gttcaaagg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggtttta	atggaaaatg	gatataaggn	atgtataact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	attttattta	tttttgaaat	720
taatcaattg	gnttaaatecc	taattttattt	acccaaatag	gggtctttta	aaaaaatatt	780
ttttattcc						789

<210> 3231

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3231

gnttgaannc	ccttngnntt	caaatngatt	gttactngcc	ttntgcagga	tcctctgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcattttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaaactgt	gcagtcatta	tgccagaaat	tatcttaaat	atataatggg	tcaccttgct	480
gttcaaagg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggtttta	atggaaaatg	gatataaggn	atgtataact	660

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ggggggtggg gtaggggtag gaaggcattt accaactnag attttattta tttttgaaat 720
taatcaattg gnttaaatecc taattttattt acccaaatag ggggtctttta aaaaaatatt 780
ttttattcc 789

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<210> 3232

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 3232

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cgagcttttag ttcagataaa ggaaacatcc aaaaatactg agattagtaa aattttattc 120
aaagtaggtt ccngctttgt cttgatctca atccattcta actcctgatg tcattttaccg 180
tgtgagatct tanncacaat catgaaaaga atatgagcat ttatcaaaac tctctgacat 240
ctgtatgttt agaaatgaac ttacacagca aaatatgatt tccttgcaact tatttaattt 300
ttctaacttc aatttctacc tatgtgtctc tgccagtttg acctgattca gacaccocaga 360
acttgaataa agaagccctc ttctattttc attcttaatg aatatacctt ttcccatgtc 420
cacattgagc ctcccttctg ngtactctgt ctaatgcagc cacatgtcta gttccccctc 480
tctgtcacca cctcacttc ttctttccca tcttcttact tctttgggtg gacctcttgt 540
aggacaacat gccatttctg attccccaca cacataccct atcattgata cctaccctca 600
ggattagatt ctgtctaagt aatttgtaga gccatcaggc ttnantaagt attgggactg 660
caagtcaaca cccattatct catcaaaang ggatgctgtg ttggggccag anggagaaan 720
gagagagaga gactnanaga gagangnccn ganagagagn aagacn 766

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<210> 3233

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (831)

<223> n = A,T,C or G

<400> 3233

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gaancccttg gntttgancg catttttaat nccttgggnt gnnccctcga ttcgnnccgg 60
cncnaggctc ngtacagatg nntcttatcc tgacntnacy aangncttaa ctgncnnntn 120
tatggtgacn gtnnntgagg cngnatgncn nggancanan nctnaantg aaaggnacct 180
agtgacgann gctncggnnt ccctntgcaa actggatacg gtannngaan agggagcctc 240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaagg 300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga 360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc 420
atccttggan aacnntttgc tttanaacan cnccttncg tgnctacnca cancctatgc 480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnncanc 540
ttagnnncca gggaaccnnn ntgnctttac aangtngntn nangtcctna gntgagcata 600
cnaccagnt ggganctnct gacnagtttc ctncanactn gtcnccngag tgggaacggc 660
caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg 720
natttaanaa ctngaancct ntannccnnt tcnnaanntn cttttgnga cnttaghana 780
ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcaccnntgc c 831

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<210> 3234

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3234

gnnntttnnn	nnnnnnnttt	ncaaatecgt	ttggctactn	ggntcttttt	gcaggatccc	60
atcgattcgc	agaggctttg	ctagtatcct	tcaaccaatt	tctagtataa	atatacctata	120
taaccataat	tatcaaaacc	agaaaaacaa	cattggtagg	atactataaa	gtactaatct	180
tattttggat	ttgacgaatt	cctacatggt	tnnttctttt	ttagtttgta	ctctaagaag	240
ttgtattaca	tgtacagatt	cgtgtaacca	ctgcaaccac	ataaaactaa	tgaacacaaa	300
gtccctcatg	ctaccttttt	atgcttacac	tccatccaaa	cctaactctg	ccaaccactt	360
ttctoctatc	agtataattt	catcatttca	tgaatatgat	aaaaataaaa	ttgtttttgt	420
aaatggtttt	tataaatttt	atataaataa	gttatatgaa	tttttattga	tagagagtat	480
gtaagctttt	ggcatttttg	tcactcagca	aattactcct	aaggtttata	tgagttgatg	540
aatagttgnt	ttattatfff	tttttaccac	catgtatcta	accagatgaa	agttgtttat	600
atttgagagt	agtatacata	tttgatgtag	tagtttatcc	atttcaccta	tgagatatat	660
ttgcactggg	tttcttggtt	ttaagtgtcn	taaataaaga	tgctgtgaaa	tctaaaaaaa	720
naaanaannn	nnnnnttnnn	nnnnntnngn	nataatnaaa	nnnnnnnccn	nn	772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3235

tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actccengtt	60
tnngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaa	gtcttcctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgctgg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtg	300
cgggtgagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagttag	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcattttgtt	gaaagtgttg	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgccca	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaatttta	ttttgatggg	gctgaattgc	tctgccaggg	agcatttttg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3236

aancccccttt	tnnangcgnt	tcctntncanc	tnaaancgnt	tgnaactenc	netntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	aagaatttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtgggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtagggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	ggtaggatgan	540
gttgagggtc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtctttccc	600
attcacttct	ctagaaagct	gccaagacag	aagcagaaaag	aaatgggatg	atagttctgt	660
caaagcacac	ttctggntct	ttagaacctt	agaagtgnnt	ctaagagaac	agaagttatt	720
aagaagaaac	nagntacgtg	tggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3237
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3237

gtnttnnntt	tcttttcta	agcttggata	ctcgttcttt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgagccaaaa	tgggggtggg	ccgcagtggc	tcacgcctgt	aatcccagca	120
ctttgggagg	ccgaggtggg	cggatcacga	ggtagggaga	tcaagaccat	cctggctaac	180
acgggtgaaac	cccgtctcta	ctaaaaatac	aaaaaaaaaa	caaaaaaaaa	tagccaggca	240
tggtggcagg	cacctgtagt	cccagctact	cgggaggcag	aggcaggaga	atggcgtgaa	300
cctgggagggt	ggagcttgca	gtgagccaag	atcgtgccac	tgcaactccag	cctgggtgac	360
agagtggagac	ttcgtctcaa	aaaaaaaaaag	aaaataggca	caataagtaa	tacatttctg	420
cccaagtaag	agccttccct	tttgtggatg	taatgaaaat	atcttcaagc	actttataaa	480
tnaattatat	gtctgatact	agccttccat	tgcttgatc	acatctgatt	gtcctggtaa	540
tttnagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	attcagggaa	600
aagactatga	tggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	tngattaaag	660
aanaanaatt	ngcttggntg	cngtggctta	cacctntaat	cctancactt	ttnggaagcc	720
aaataangga	cttgnttgga	nccangantt	tcangaacaa	cctg		764

<210> 3238
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3238

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gtnttnnnntt tcttttctaata agcttgggata ctcgttcttt ntgcaggatc ccatcgattc      60
gaattcggca cgagccaaaa tgggggtggg cgcagtggc tcacgcctgt aatcccagca      120
ctttgggagg ccgaggtggg cggatcacga ggtaggaggaga tcaagaccat cctgggctaac      180
acgggtgaaac cccgtctcta ctaaaaaatac aaaaaaaaaa caaaaaaaac tagccaggca      240
tgggtggcagg cacctgtagt occagctact cgggaggcag aggcaggaga atggcgtgaa      300
cctggggagg gtgagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac      360
agagtggagac ttcgtctcaa aaaaaaaaaa aaaataggca caataagtaa tacatttctg      420
cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa      480
tnaattatat gtctgatact agccttccat tgcttgatc acatctgatt gtcctggtaa      540
tttnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcaggtaa      600
aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag      660
aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc      720
aaataangga cttgnttgga nccangantt tcangaacaa cctg      764

```

<210> 3239

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3239

```

atggctttgg nnagntccnn ntctttcaaa tncctggcta ctcgntcttt ntgcaggacc      60
catcgattcg aattgtaact tattccagga taaatgtcat atgcatatga tttcatatg      120
actttgatga gtatcttcag ggaaaattcc taaaaatgaa attgctggat taaggggtaa      180
atgcatgtat agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt      240
gtattcctgc cagtaataata tgagagtcca cagagtatgt ggttaagctt tagaatgctt      300
gtccatctga tagggaagaa atcgtgttgc cttaatttgc ctttctttta ttatgaatca      360
gattttaatc ttttgcctct agaactatag tgagtctgat tacgtagatc cagacatgat      420
aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat      480
ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt      540
taacaacaac aattgcatte attttatgtt tcangttcac ggggagggtgt gggagggtnt      600
tttaattcnc ggcgcggcgc ccaatgcatt ggggcccggg cccanctttt gttcccttta      660
tgaggggtta attgcgcgct tggcgtaatc atggtcataa ctgattcctg ggtgaaattg      720
tatcccgctc acaattcccc accaacatcc anncccggga gcataaaa      768

```

<210> 3240

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 3240

```

annggagacn nnnngnngann gnggggggnnn acnnngaaan ncnnananan acacannann      60
nannnnngag gggcaacaaa cncnnatttt cgaaaanccc ttttggnggt gaccccnttc      120
naacacttgc ttntgccect ntgcaggatc ccancgnann cgaaggnggc ncgaaagcac      180
ggngtccena nngatgngn aaanatgacc gataaacttc ngggncngat aatgaanggc      240
actatngnc atactgatgc tgnctcatgg gcnctaccan agacngnaac tggaaaaggc      300
tctgcagngt ctgggatacg ctcagtgtcg cangggaggg caggngtgag gggaatggcc      360

```

ccgganggtg	atggggcnng	ngcatccgat	gcagcnntat	agctctgnaa	ttaccacttn	420
caaacttntn	attacgaaaa	atgtcaagga	cccnggaatn	acaagngagg	naggcaggat	480
aatggccccc	aanatgccc	tggtgagacc	cccanacctt	gagagtgcct	cacatgggga	540
agactgtcct	acgtcanct	gcacgcccc	ggcagcccca	ngggccctta	aagcttgaga	600
gccttncctg	ctgagacnga	ganatgccag	aagcaaggag	aggcnagaac	ccgaggaggg	660
cccgcanct	gcccnagnatg	gcccttagaa	ggaaggggcc	naannagcgt	ggtggcccn	720
ctaaagcaan	ctgngngacc	nggggggacc	ctnangtacc	caangcccct	gcaaagcaaa	780
accnngaaat	ttccngggcca	aaccanacac	ccccaangga	atngngaang	aaanngngaa	840
aaggnaacnc	cctngaccnn	tggggccaaaa	acccttgga	acccccctga	aaccttcnac	900
cnaaaatngn	gtnaaannc	ccgcganngn	gacttnagt	ngcaagcaca	cancccc	957

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3241

ntgtaancct	tttcaaatec	cttggctact	tgntctttct	gcaggatccc	atcgattcga	60
attcggcacg	aggccggacn	gtgactctgg	nnacgcttgc	gnccntnacg	tagntngnng	120
accntgtcng	anggaanaa	ggctggccnn	cnngtgtacn	ctnaccgtcc	taaccccgcg	180
aggteccaggn	ccgctccttt	cggngnggat	tctcgcgga	natccctccg	gcagctcttt	240
gcaaagctgn	ttagaaactt	ctcccaaact	cggcntggat	acgactgcta	tagggctcgc	300
tgtctctttt	gtggagctct	tgtctctcta	tccttggcct	ctcctgggat	acggcccaag	360
gccaaagtntt	cacgcangtt	ggtacgetta	tttcgttctg	gactctgggg	gctntgaann	420
ttcaccacgt	ggactgctgg	ggancgggnt	nccgancaact	ngnntacctt	acnccanaat	480
ctgacaactt	ttctggacaa	cctacccanc	ttcaattggc	tngngagcnc	ntcngntgct	540
ggggnnntncn	gtgcaaattg	agncncaatt	ggtgggcaaa	tngttgatgg	ncaaaacggg	600
aaaaagcaac	nnncaangct	tttggttnaa	agccgatang	acncaaatta	nttntcttgg	660
accttganaa	tttcttcaan	nnttttnagn	anncnctttt	ttntcttggan	aaanacttaa	720
aagtgaacga	ttnttgggaa	anaaacaac	tataataact	naaagctttt	ntaaaaaaa	780
annaatnnt						789

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 3242

tcnaaatccc	ttttgnnagn	ttcnnccttt	gtttcccttt	netnggetnc	ttgttctttt	60
tgcaggaatc	ccatcgattc	gaattcggca	cgaggctcct	ttgaaccacc	ccaaagaact	120
caacatggca	aagcaaattg	taaaagcttc	ccgactgttc	tactttgggt	ccgcgcgaag	180
ccactcacg	tgtgatctgt	gttgcccttg	ggaggcccg	ggcgaccgga	aaagggtctt	240
ctcaagtctt	gaaaagagaa	tctgccacca	gatcgaattt	cgacccttga	gcttggtcgg	300
acgtatggtc	caaattcaga	ttaagggtgg	cacccaaccc	gagatgtcag	gaaaggcctt	360
ctgcagagaa	aatgtccccc	caccgcctat	ctgcagccag	gtgtgtgcca	cacggcagcc	420
ttcccgaac	atagtatgga	ttttaaaaa	gtgtttattt	ttgtttctca	accactttat	480

aacgtat	ttat	ttgta	ttgt	gtatt	tatc	540
atcctt	ctgt	ca	ttt	agtt	ta	600
tg	aaaa	ta	ctag	tt	nt	660
an	cac	ac	gt	g	ca	720
ca	tt	ta	aa	ga	aa	780
nnnn	aan	gg				804

<210> 3243

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3243

ttcna	ttgt	cct	ggat	gatt	cgg	60
ttctg	tgg	aa	agt	ttg	tac	120
tct	ttt	ttt	gact	ctt	gag	180
aattg	ccan	gc	tct	ttt	gtg	240
atttc	ctt	acc	ctc	cat	gat	300
ctaa	gatt	at	ttg	tg	caa	360
tag	ctt	ctt	aat	ta	ggg	420
gct	ca	g	gc	gat	ca	480
nag	ttc	g	ac	ct	ta	540
aaa	a	gg	g	ct	ta	600
tc	agg	g	ac	ca	g	660
gg	ant	cc	g	aa	ta	720
cct	nt	na	g	ct	ta	780
at	nc					784

<210> 3244

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3244

tc	cct	at	nc	act		60
tn	cc	ga	cg	aga	gt	120
tg	gt	aa	act	ag	gg	180
ca	gg	ta	ta	ag	gt	240
ct	at	ca	ct	ta	gg	300
cg	at	gc	gg	ag	gt	360
ac	aa	ta	at	aa	gt	420
ac	aa	ta	at	aa	gt	480
tt	ca	gt	aa	gt	gt	540
tt	cg	ta	tg	gt	gt	600
gt	tt	ga	ac	gt	gt	660
ca	aa	gt	gt	gt	gt	720

gaaaatggcc tctcttttgag actgagctgc cacctggcaa attattgnct gcttaanggt 780
tctctttatn 790

<210> 3245

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3245

gnntttttcta	aatcccnttt	gcnttactcc	ctcttttcaaa	tcgcttggct	acttgcncn	60
ntngnttttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatgtt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagt	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagaggtgg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcag	agtgcagactc	360
tgtctcacia	aaaaaataat	gccctttaaa	taatgaataa	tagtgataga	aatgtcatt	420
tcttgacaaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttggtgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aatcggttga	540
acatttttgc	ttcatggaac	tcaatggcta	cgttagtcgg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aanggcacaaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aaatggcctc	tcttgagact	gaactgccaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3246

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3246

gnntttttcta	aatcccnttt	gcnttactcc	ctcttttcaaa	tcgcttggct	acttgcncn	60
ntngnttttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatgtt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagt	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagaggtgg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcag	agtgcagactc	360
tgtctcacia	aaaaaataat	gccctttaaa	taatgaataa	tagtgataga	aatgtcatt	420
tcttgacaaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttggtgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aatcggttga	540
acatttttgc	ttcatggaac	tcaatggcta	cgttagtcgg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aanggcacaaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aaatggcctc	tcttgagact	gaactgccaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3247

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 3247

gtttcnaata	ncttgctttt	nnnnnntctt	caaatngttg	gacccccctgc	aggatcccat	60
cgattcgaat	tcggcacgag	gtgtgcttgt	gaaatgtcca	ggcgtgtgca	cagccagtgc	120
gcccaattcc	gggctccttg	ctccctgctg	tactgaagtt	ttggattttg	catccaatcc	180
tgtgtgcctg	cccttctgcc	gaaggcttgt	gaggggcctg	agtcctctgc	ccatcaggat	240
gacaggctcc	ttcctgcagg	gccatagag	ggaagttttg	gaaacacaga	atgattccaa	300
ggtgctctcg	ttcctgaggg	ggactgggtt	gtaacccatg	acatctgtgg	gcgagagagg	360
cagctgggag	cangacactt	ggaggggtcac	cccacggggg	tggcacctgc	actctgagtg	420
ccccccactg	tcatcagctg	cctcttaccg	tggacacagt	tntggttttg	gggactangg	480
ggcccnactc	ctggtggtac	cgtttggtgact	tactagggca	gtgggacata	tangcccggg	540
gctagtngga	taacggggag	ttacncctga	tgactntttt	gatggaatcc	tgcattagat	600
agcttngtgg	gacccccccc	ctcanaattt	ggggaactga	ngagaattcc	nngaaggtgn	660
cnttcangga	gagcaccttt	naagggggccc	cctaacttcc	tgagcctgga	aattagaata	720
ancattaaag	gggcatacac	acctttttccc	aaaaaacccc	tntccatttg	gttttt	776

<210> 3248
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 3248

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ttcgaattcg	gcacgagacc	ctctctggcc	acatggaggc	agtttcctca	gttctgtggt	120
cagatgctga	agaaatctgc	agtgcattct	gggaccatac	aattagagtg	tgggatgttg	180
agtctggcag	tcttaagtca	actttgacag	gaaataaaagt	gtttaattgt	atttcctatt	240
ctccactttg	taaacgttta	gcactctggaa	gcacagatag	gcataatcaga	ctgtgggatc	300
cccgaactaa	agatggttct	ttgggtgtcgc	tgtccctaac	gtcacatact	ggttgggtga	360
catcagtaaa	atggtctcct	acccatgaac	agcagctgat	ttcaggatct	ttagataaca	420
ttgttaagct	gtgggataca	agaagttgta	aggctcctct	ctatgatctg	gctgctcatg	480
aagacaaaagt	tctgagtgtg	gactggacag	acacagggct	acttctgagt	ggaggagcag	540
accaataaat	tgtattccta	cagatattca	cctaccactt	cccatgttgg	ggcatgaaaa	600
gtgaacaata	atgtgactat	agagattatt	tctgtaaaatg	aaattggtaa	gagaaccatg	660
aaattncata	ngatgcngat	gcagaaagca	accttttttg	aagtttataat	aatggtttna	720
cccttcataa	ccagcttaac	ctttcacttt	ttcttatttt	ggatttataa	ataagaa	777

<210> 3249
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3249

```

gntcctnnnt ttcttatnct tggctactcg ttctntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaacc aagtgtggca      120
aaggaactca ttgctctcga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct ttcttcaaga gctggtagat cgggataatt      240
ccaaatttga ggagtgggtg attgaaatgg ctgagatgcg taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gttaaggagc tgtaccaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgcctgtgtt cccatgacaa gcttcacccg gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540
gtccaagact aactgtgaaa gccctgtgta aggaatgtgt agtagaacgt tgtcgcatat      600
tgcgtctgaa gaaccaactt aatgaagatt atnaaactgt taataatctg cttgaaagca      660
gcnagtaaaa ggccnatgga ttttggggtg ggggaantcc cttccttgcg gantttggcc      720
ccanctancn tctttgaaca ncttgntnaa ncaananggg nggatgcann      770

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<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 3250

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ggnnncnnttt ncccccttt tgaaaacccc ttttgggnga ancccncttc tttnaaaten      60
cttggctact cgctcttnt gcaggatccc atcgattcga attcggcacg agtatataac      120
aacttttgc tcaaaagtgg ggtgggacta gaacacacaa tggaaggatg gagtcaggag      180
acctggatcc ttgtgcccgc tctggctttt acagtctgcc taactctatg cagtcacttc      240
ctgccagcct gtttccttac ctacaagagg gagagacact cctgggccag cctagtcttc      300
aggggtgaacg aaagggtcatt atcactgcat cctctagtca tttgcttctt cgctaattaa      360
cacatcttga gcacctgcca tgttccagga acaggagatg gcagcgtgca agataaaagt      420
ccctgacttc tagagactgc atgttagtgg caatcggcgt ctaccgggcc ttcaataaac      480
tactgaatga aggaaaattc tacctagcac cagacacaa tactgggttt ctaaaatgga      540
attattcccc cggccccctg catccagcag cctgctgcag ggaagctcct ccgaagctgt      600
aggcaggagc gggacaaatg cttgctatca gcttcacaga atgttaccta agtactattc      660
ctacacagcg ccttacagaa caaacagtaa aaaccaaatg gnaagcatgc acnggcttaa      720
aaactcaaac ttcctaacta ctcagtaatt anganggtca ttttacccca aaatagaatt      780
ttcnatttat ccaataanaa

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800

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1144)

<223> n = A,T,C or G

<400> 3251

```

gnnnnnnnnnn nnnnttttnnn nnnnnntttt tttgnaaaaa aatccccccn ttttgggcn      60

```

```

aaaaattnngg nccctccttt ttnntgggca agggggaatc cccccaaatt ttttnnaaaa 120
ccggaccant ttttcggggg cnaaccggaa ggaaaccaat ttaaaggccn cctctcncaa 180
acccccctt tgggaanggg gggaaattgg naaaggaaac caaggccttt tcccccttt 240
gggccaaaagg ggccnaaggg ggccntgggt tggccccccc naaagtttcc aaantntttt 300
tnaaaaaggg ccccnttaa ccaaaagncc tttggggggg cccttnggcc cttnggggnc 360
cttggccnaa nggggggttn cctttgggga aaaggggggc ccgggggttg ggggggggga 420
aaaggggggtt tggggccaaa ngnaacaaag aaaagtttan nccaaaangn aacccccccc 480
naacttttnc ncntngggcc ctncntttna acaagaacct tgccgttcaa tggcccgggg 540
gccttgggga accggcaagc aaaggccctt ggcttctttc tggccnnggc catgaaacac 600
cgncatgttg ggagcaccg atcacaagcg caacaaggta gaccagctca anggcctttt 660
ggctatgtcg agatccctg tgtggccaag aactggtgtg cngagatgaa agtctcgggg 720
ccatggctga agtggggacc atcgtggaca aagtgaagaag aaagtcctct ttcancacaa 780
gtggcctttca acgaagttg acctgggatt tctgtcatgg gtgtccctct ggactcaaaa 840
atgggttcaa ggcccaagtc ggtgaanatg gatgttggca aaaataggaa ggataccctc 900
atthttgctgn aatnggggga anctgctctt naccttgccc aagggggcaa ggcttgggtc 960
aggttnaaac ttgggaccgg aaaggcccaa gtcttaattt cttttcaaac cnaggaaaaag 1020
gnccgnttgc cttaaaaacc ctttcccaac tttttcctgg gatgggntga aggcaaancc 1080
angaaaancc aagcaatggt tgttctntcaa cnggaaggaa gggacttgaa ccnaactggg 1140
gaaa 1144

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<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

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aattcggcac gagagaagat tggggatgag gagtgaggag antgctggag accagttaga 120
ggctaccgta gcagcgtana gaggctgaaa atctaactag ggtggaagca gccaggcagg 180
ctggctcctaa tgttgggagt tgttcagatc tgaccnnana ggtcattact tatagagtta 240
ttaatttata ccccacctta attgcaaaga gattcaaagc agtaagccat cacttttagaa 300
tttaatgttc tgttttcctt tttatttact cattcagcag ctatttcaat gcctgctgtg 360
tgccagggtgc tattcttagn gctttacttg ttgtatgtgt natctaattgc tgtgtaacaa 420
attactcctg aacttaccaa ctcacaacaa catttattag ctcacagttt ctgtggagca 480
tnggatctag atgtggctta gttgggggtt ctggcctggg gtcttctnct aaggctncaa 540
cgaaaagtng agggccgggc tgcagtnatc tgaaggtctt antggggcaa gatcccactt 600
caagctcact naatgngcng ttgnctang nntagttnc ttgcaatnct attnggattt 660
ggngccctaa gttcctgggc atatagcccn nnnctnntat ggncaagggt cacncttgn 720
gngcantttt acacccttnn aagtctntgna nntangntgn gnagnaang aaactaaacn 780
aatttannan nanntatata aanctcnnnn ncccttcc 818

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<210> 3253

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 3253

caaatccctt	ggctacttgn	tctttttgca	ggatcccatc	gattcggact	tgaaaaaaag	60
tcacatccag	caaatgcagg	gtcacatgaa	atatgggcct	cctggaatcc	ctacagtgga	120
tggagactgg	ctcatacctt	gccagatccc	tctctcagtt	ccagccttct	ggacaaggcc	180
tgggctaaga	ggagctgnnt	cgttatctct	tcacccactg	ccctctcagt	atcaccagtc	240
ccaaagacag	gatacgtccc	tgtaacccaa	tctctcgggt	gattgatagc	agaacagctc	300
ttgttggtct	gagaaggcag	gataagtgc	cacatattta	tgccactacc	tccaccaggg	360
agagtccttc	tccacaggct	tgataaattc	aatcaccaac	tgtgctgtcg	tccctgactc	420
tgctactccc	gttcttctg	ctttcctgct	ccgtatctca	gtctgactcg	accccaaggc	480
tgggctgaca	tcaagatggg	agcccagccc	acgggcttta	taaacaccca	agaaccgttt	540
cagatcttct	ctggtgctga	tgcanctagt	tttaaatttt	tctcaagttt	cagtgataga	600
aaacccacac	aatcatcctc	tggccagctc	taatagaata	tcagagggtt	anaagggcct	660
tcanaagaac	ttttnacnca	atgcctgctt	gggggaaang	gaaagttgac	ttaacccccg	720
ggttcaaacc	tggccatttn	anggggaaaa	aancttnaag	gttcnttacc	centngnttg	780
gcatgcttgc	cncncnc					797

<210> 3254

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3254

gnnnnnnnng	gtnnnnnttc	aaatccttgc	tcttgcntgt	ngttgatecc	tcgattcgaa	60
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gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180
gaaataaagg	taagagaatn	tttgactgt	tggtatcccn	aatccatctc	ctgttctact	240
ctctattcaa	aataatcgta	cagtgcactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatagaga	gagttatttt	acacatacaa	gtttcaacat	tgcaccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaagggtttca	540
tggctcatgt	agacagggtt	atttgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtggttaac	tggttggcag	aatggcatgt	tcttgctgct	ggaatgggtt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgcct	ccctggaaaa	tggntnttcc	cgtcgntang	ttaannttcc	780
tagncccttc	ttnc					794

<210> 3255

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3255

gnnnnnnnng	gtnnnnnttc	aaatccttgc	tcttgcntgt	ngttgatecc	tcgattcgaa	60
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gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180

gaaataaaagg	taagagaatn	tttgtactgt	tgttatcccn	aatccatctc	ctgttctact	240
ctctattcaa	aataatcgta	cagtgactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aatcattttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatataga	gagttatttt	acacatacaa	gtttcaacat	tgcacccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaaggtttca	540
tggctcatgt	agacagggtt	atttgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtggttaac	tgggtggcag	aatggcatgt	tcctgctgct	ggaatggttt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgcct	ccctggaaaa	tggnttnttc	cgtcgntang	ttaannttcc	780
tagncccttc	ttnc					794

<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3256

ctaantcttn	tcnntngctt	tnnngangat	ccatcgattc	gaattcggca	cgagagactc	60
ttcattctat	cacctgtct	cacaaaagac	ttgcccaagg	ctacgaagca	nggcagtgc	120
tagagtccag	acatcagnaa	ctagttccat	gtntttttt	tcactaccag	tccttaggcc	180
ccaaaccgca	gatcctgctg	tgngaccat	taagcccctg	actgttctag	gctcaacttc	240
caaccctttc	tgcaggctct	attacctctg	cctcatcctc	ccaacatgat	aaccagagtc	300
ttccttcaca	ttgtactgcc	taccccttta	tgttcccagg	ctctcccttg	gttttattac	360
ctccttgcat	tccattttca	gatcctgtcc	attgatctcc	acccgcacaa	tgatcacctc	420
ataataccac	tcccgcggga	tgggtgtata	ccagagactg	cctgtgtaca	agcgagtggg	480
cgatacctca	atgatctang	gaaaaaaaga	ngcaggtccc	gtgtcctggc	acagaaggag	540
agtgaagtccc	caaggaccaa	gcaataagat	cagtgatttc	ttgggggtggc	aangtcttct	600
acaggctacc	cttttcatct	tcctgcttnt	aaacaaatca	tacccaaagn	gatttctant	660
ttcttnaatg	tgttcagggg	gaaaagactt	ttccnggaat	ttttaattta	tttggttcan	720
aatcataca	ggccttggan	antaaaggta	ttttaaatct	aaaactggcc	ncaattaaan	780
tntc						784

<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (822)

<223> n = A,T,C or G

<400> 3257

ttnnnnnnct	nnnggnnttt	cnaatncttg	tttctcgncc	tttctgcagg	atcccatcga	60
ttcgaattcg	gcacgaggat	tttcgaaact	cttcagctac	ttgccctttt	ttatctgaaa	120
ccatcatacc	ttctgaaaga	aaaaagcata	tcttcattga	cataacagaa	gtgagatggc	180
ccagtcttga	tacagatggg	accatcntnt	atatggagag	tggcattgtg	aagataacat	240
cttttagatgg	tcatgcatac	ctctgectgc	ccagatctca	gcatgaattt	acagtacatt	300
ttttgtgtaa	agttagccag	aagtcagact	catctgcagt	gttgtcagaa	acaaataata	360
aagcccaaaa	agataaaacta	gttgaaaaaa	ctggcaaaaat	ctgtatacgt	ggaaattttac	420

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cangacagag actgaagaat aaagaaaatg agtttcattg ccagatcatg aaatccaaag      480
aaacttttaa gaagatgagt tgtgtaaatg gaactgaagg gaggaagag ctgccttcgc      540
ctggtacaaa gcacacatgt gtatacacat ggggtcaagca gtgctggtct gtggtgcct      600
gtccagagga atgggaaata ttcctttgtc tttagcactt catttttcta aataaaaatc      660
anccaatatg tctaaaaaaa aantttnttn ataataaacc tngaagccct nttanaacct      720
tntnntggag gtccntnttt accntatgat tcccggaaact tggataagga atcccntttg      780
gattgganat tttggggcna aaaccncna nncttggaat cc                          822

```

<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 3258

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nnnnngccaa ngggaaatcc ccccaatnnt ttttataanc cgggcctccg gttaanttcc      120
aaagccaatt ttaattttaac cttnaggggg ccttgggccc ctccccaatg ggttgggttn      180
nnnntntcca aaaaaanggc ccccccnnaa ttnccaaaaa gggtnntnt ttaacctttt      240
tccttnaatg gggggtnnna aaaccctnaa aaattttnnn ttaaccaatt naccacacca      300
aaaaaatcct tttttnncca atttntntn cctgggaaaa ccttttcccc tttttaatgg      360
ggctttttta ccttgggtcaa ccccccact taggtanttt ggatggtcct taagctaann      420
gaaccnaaat tncgtgatca atttcacttt gtcacatcag ggaaccctat cctcttagtt      480
ctcccattga gatttcactg ctggactaag attattcttg attcgtagtc attggnntct      540
gnttccattc attttcagca ctgattatgt taatcgtatt gctttgagtt ttttctttgn      600
tcaaagtgtg nttattacat tcattttgnt tcatatacac acattntttt tttttaactg      660
gcattttgag gatattggng ttaatgggaa ggaaaaagga atgggtgcaa agcacatggn      720
atttgaattc caaagacctt gaccctcang cattagcaag gtcacttggt ttctgagcct      780
canttttctt actctcaaaa tggagggtaa tatcccgaag agnactttga caaccacacc      840
ttaaagcctt ggatgcaana atttnccttt tttgnaagta aattgnggct gggttcttaa      900
ttncataatn ngggataatg gggaattcct anggggaatt ngggctatta ggaatccntn      960
cnatttttaa aaatgggtatt ttaacangcc ttggtaaaan ggttcanttn catggccatn     1020
ngggaacaat gttccccntt tatgaannta cc                          1052

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<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3259

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gnnnnnnttt nnnnnnnngt ttcnaatnct tggcattgat ccnttgnttg atcccttnat      60
tcgctgacaa cttgattggg ttctccttca ggtttgaagc gccctcgaga agtgtctaaa      120
ggagacagtt gatagccaaa caacagtttt ggattcactg actgattatg aaagaagcag      180
tagactggta tcaagaatca gtcagcaagg aggcctcac cagacgccag tgccatgttc      240
ttggacttct cagcctccat attcatgaac taagtttttg gaatccttag gcttcacgt      300
gtggaaagcc tgagctaacc tactggagga tgagccatca cctggagcag attcaggcca      360
tcctagttga agcctcccta ggccaagcaa ccgccaact accagacatt gaccattcag      420

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ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatggtttg	ggctcttgga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
tttttctctt	tttatcaaac					800

<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

gnnnnnnnt	ttnnnnnttt	ttgnaaaanc	ccccttttgc	naaatngncc	ctttttntgg	60
cangggatcc	ccatntttat	ntcggacatt	ttcggggccac	cggaaggggc	cgggggcccc	120
cgggccncca	ggnccgggna	aaggccccc	ttgggcggcc	cccggncggc	cccaatgggt	180
tccaaaaagg	gaaaaaaaa	aaagggggaa	cctgggaagt	tgccccanga	aaangnaaaa	240
aaaggnaa	gnaaaccttccg	ccaatgggaa	tggggaaaaa	taattttttc	ttgaaaaacc	300
caaaaaagga	atggttattt	ttcaaattta	aaaaaggaac	nttggaaga	aagaattggc	360
ttcccacncg	cagaaagggc	attactggct	atgtcaagta	aaagaagtcc	ttcaaagctt	420
agttgatgat	ggtatggttg	actgtgagag	gatcgggaact	tctaattatt	attgggcttt	480
tccaagtaaa	gctcttcatg	caagggaaac	ataagttgga	ggttctggaa	tctcaagttg	540
tctgagggaa	gtcaaaagca	tgcaagccta	cagaaaagca	tttgagaaag	ctaaaattgg	600
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gagaccaaag	gggaaccagc	tnnaagggcn	agaaaagttn	gaaaaaaatt	ccaaaggaac	720
tggtggaatc	ccccaaaagg	tttggttggg	gaaagaaaaa	ttcccggccc	aangccaaaa	780
tttaaaagg	ttngccccca	aagggaagaa	ncttgncctt	taaccacagga	attggggacc	840
ctgggantta	aaaccnataa	ttttcccggc	naattnnaaa	aaattcnttt	nggggncccc	900
naaaanggna	aaaaaatatt	nggggggttt	tggnaaaggna	aaaatttnaa	atttggattt	960
ngaaactttt	ttngggaatt	ccccagaaaag	aacttttgac	cttcctntng	acctnaaaaa	1020
ttttcccttg	ggggggtgna	anggatgttc	ccaagctttg	tggnatattg	gtaaaatttt	1080
naaccttttn	tncttacc					1098

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

gnnnnnattn	ccctttnaaa	tnccncngaa	ancccttggga	agcactaccn	ctcngacccc	60
tttggaaacgn	cgactnctnn	atatatcnng	gatataatag	gtgataagtt	ctgncaatta	120
gtaacatcng	gaaaaaacag	ctnngncctg	ggngaaaaag	gatgccaaaa	tngcctggaa	180
aagagcagng	gagaggagtc	cgggagatgn	gngatgcac	gggacgcanc	atngntnaac	240
attcactggg	tctgccaaaa	atgtggattt	gngggctgct	tagatngtta	caaggcaaaa	300
ggaaaggaaa	gagttctaga	gataaaagaa	ctatatgtct	ggatgaagtg	tgtgaaggga	360

cagcctcatg	atcaccaaca	tttaatgccc	aacccaaaat	tataccnggt	tctgntttga	420
cagacttcta	gatgccatgc	acactcttag	ggaaaaaata	ttgggattaa	ancccatnng	480
cattggacta	acaaacagga	atttacaagg	tnggaaantt	ttncnaccaa	tgaaaggggg	540
gatencaagg	ttttccagaa	nggntcntaa	tcncaggnaa	taaaaattnc	tctngggcaa	600
gccctgagtc	ttaancagca	aaaanactcc	tcccgaancc	tnagaaaaaa	agggggggca	660
gccaggcccn	naaanggaan	gtnaggcccn	agatnaacaa	ngtnacctcc	ncccagnaaa	720
ccccannccc	caactggnac	cngggnaacc	cacaacnttt	gcngaagncc	aaaaaagncc	780
nnnagangga	aaaaaaaaaa	naananaaaa	aacctnnnag	cccctaagaa	accttagggg	840
nggcccncc						849

<210> 3262

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 3262

gnnnnnnttn	nnnnntttcta	atgcttntna	aatnccttgg	nagcaggatc	ccantttcaa	60
ancgcttggg	gcctatacca	ggagagcgga	tcccagacgt	ggctgcattg	nccatgggct	120
tctctgtgaa	agaagacctt	tcttggccag	gactcgcagt	gggtaacctg	tttcatcgnc	180
cncgggctac	cgtcatgggt	gatggtgaag	ggagtgaaca	nancggccct	acccccaggc	240
agngtcattt	cgtacccttt	ggagaatgca	gttcctttta	gncttgacag	tggtgcaa	300
tccattcact	ccttatTTTT	tgaggaaact	cctgttggtt	tgaggtggc	tcccagtgag	360
gaaagagtgt	atatggtagg	gaaggcaaac	tcagtgtttg	aagacctttc	agtcaccttt	420
gcgccaaagt	cccgtaatcg	cctgtttcaa	gaaaactctg	ntctcagntt	caactcccc	480
caattctctg	agtnggaaca	atgaaagntg	acctgctcnt	ttctttctga	acngcaagt	540
ctacaatgat	atttcaagct	ttgctggcct	cggacattaa	gcattntagc	ccaaggatca	600
attctnctg	gaattaataa	ttccacntgg	gangcctggc	aagggtttgga	atgaaaaatt	660
ggggaagccc	ttatggggga	aanancnttt	gaacaanttc	aataagaatg	cnttcnaaag	720
aacccttgg	tgaccccntt	gccaaaaant	ttggcaacaa	tgaacatngt	tcaagncttt	780
tatggggggg	gaantgccnn	ngggntngaa	nttaggcccc	tngnaaaaat	caattttgga	840
caacctcccc	ttcatanc					858

<210> 3263

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3263

tncttttcna	atccttnttg	cangatccat	cgattcggag	tttttttttt	tttttttttt	60
tttttttttt	tttttttttt	tttttttttg	aagtttttag	ttaattaang	nncttgcgaa	120
aaatccanac	cagntttatt	tcaggggna	nagtnanaaa	ncnctgcaat	ntgnncttaa	180
ngggattcga	ttngaggccc	ccnccnggg	gganantgtn	anccagggat	acnaaaaant	240
ncttggaag	tcactggana	ccgacnttcn	tgcattnngg	gaaanaant	gggtttgngg	300
nnaantaaag	cattttgacn	atgactgntg	cctaaananc	cntggcattg	gccaggggatn	360
ctgtggaacc	cttttttntt	tnaatgggtg	ntgagcatta	aactgncact	tgtnannngn	420
nattagannc	tttgatngna	acttttnann	ancccccgaa	nnctggnncc	cctnaatntt	480

tnaattngcc	cctntttttt	cnanggggat	atantatttn	ntntngggtn	ggaaaatttt	540
tanaggatna	anntcnccct	ttttttnttt	tttantcccn	atcnttttnt	tntncttttn	600
nncccttttt	tntnttgngc	nnnntanaaa	tttctctgta	antggatttt	naattttngg	660
nnaannnant	ntaanggntc	cctttttttt	aatttnanaa	aatgggtttt	natnttctac	720
tcttcnancn	cntnnggntt	ttcnaactca	natgtngcnn	nngnnaaaaa	aantnntttt	780
ccatgggnct	nnctaanata	aatcttctnt	naatgggtnt	tannnttttt	caaan	835

<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

ctaatagctt	ttcattcnaa	tgcttgtgat	ccctcgatcc	gaattccggt	gctgtcggac	60
agattgccct	agtacccacc	cacctatcag	ggttatgcaa	tggaacatcc	tcgcccagc	120
tcttgagaaa	ggcaaagaca	actttgtaca	gtgccctggt	gaagcactca	aatgggaaga	180
aaggaaatgt	ctcatcctgg	aagaaatcct	ggcctaccag	cctgatatat	tgtgcctcca	240
agagggtggac	cactattttg	acaccttcca	gccactcctc	agtagactag	gctatcaagg	300
cacgtttttc	cccaaaccct	ggtcaccttg	tctagatgta	gaacacaaca	atggaccaga	360
tggttgtgcc	ttattttttc	ttcaaaaaccg	attcaagcta	gtcaacagtg	ccaatattag	420
gctgacagcc	atgacattga	aaaccaacca	ggtggccatt	gcacagaccc	tgagtgcaa	480
ggagtcaggc	cgacagttct	gcacgctgtg	taccatcta	aaagcacgca	ctggctggga	540
agcggtttcg	atcacgttaa	ggcttgtgga	ctcttcagaa	cctgcaaaac	atnaccgaag	600
gagcccaaga	ttncctttat	tgtgtgtggg	gacttcaatg	canaccaaca	gaanaaggtc	660
tncaaact	ttgcttcttn	cagncnaac	cttganagnc	ggcctacaag	ntgctgaatg	720
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<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

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gcggegtga	cccgngcgn	cccacaccgc	ctctttnctc	ttctttgccc	cggactccct	120
ttcctgctc	caagacctgg	gtgtctacaa	ctgtgagccc	agcttggncc	aaaggcagtc	180
cccatgggac	ctagaactcac	cttncctttg	cctctatgaa	accttctgct	tgggcccanc	240
ccctgttcca	gctcccgacc	tgcaactcct	tgctgggact	cangcctcca	agctccctgc	300
ccagcnagcg	gnccttcagcc	accgtcttcc	cctttctttc	gggcccgtnt	tgtnagcanc	360
tttgagaaa	cccananggg	acctngtgcc	ccttgcaag	ncgtgcgct	tggtgcaaga	420
ctgncctgt	ctgcatcatt	ttncatgggt	gncgggggtg	tggggntnnn	cnngncgnnn	480
cntgntcaca	atcaancatn	tatncctnan	ntngggatn	acnaatggcc	tnaagantgc	540
tactctntan	nnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntancnc	nattgcagcc	ncataattat	cctacaccac	660
anannaancc	ntccttnnag	aanntgnent	ctatgnaana	gnctnnnaat	gtggcnnncna	720
atataanntn	ntntnctnnc	atcntannnn	ntcctacgt	nannnnncat	nnncnctntn	780

ggnnactatc	ncatantaca	tcnntnannn	cacccatnct	nntntnanat	ntctcntggg	840
nantnnntc	tcctnnan	ncnctaana	ngatctctca	nntacatgan	ntanatnacn	900
natanngnnn	anactnannn	ngtctctctc	atnnnttatn	nanngntcan	nttacnnnnan	960
nannnaannng	tatnntngtt	cnaaanntat	ntataaancn	ncgtnnnttt	nnannagatg	1020
tacnccnntn	anntaannat	ctangctccg				1050

<210> 3266

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3266

gnnnnnnant	nnnnntttaa	atccttnntg	aatcctttga	antaccatcc	cnthtttncga	60
attnggcacg	aggaaagggtg	gcgcgcttct	cacggctgag	ttgctgcgcc	ttgcagacgg	120
aagctcccca	caggcagagc	tgttggatg	tgtgagtcac	gaaccagaga	agccccgctc	180
catgagcagt	gactccccc	gccctgtgac	ctccctcctn	cttgcagctc	ctcctggcac	240
cagtccccc	ggctctcctg	ttggtagttc	ctgcttttct	tcttggaaat	tcctcgtgga	300
cctcgagatc	tttaccctaa	aatagttctg	ttgaatttca	ccctggcaat	gtaaattgat	360
agcttatctt	cacagatgcc	agacaatgga	caactcacca	tcagtccctc	gctcacctga	420
gacaaatgca	tgtctgattg	cttcctctgc	cctattgntt	atgtgaaaat	gcagattcac	480
tgagccagac	taaggcatca	gtgactgttc	ctctacctgc	ctctcacatg	gagattgtgt	540
attcagtga	aggctgatca	aagacccaaa	ggaatgcaac	agtttatctc	ttatctacct	600
atgacctgcg	aactggccaa	caaccagtt	gttgnccgct	tttcagacag	aaccagtgtc	660
atcttacacg	tattnaaatg	gatgtcctgg	ngtctnccta	atatgtattc	aaaagcaagc	720
tggggcctng	accacccttn	ggcacatatt	cctcanggac	atcattcctg	angctgtgtc	780
actggcatgt	ccttaanc					798

<210> 3267

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3267

ngnnnnnttt	ttnnnnccgg	tttgaaatcc	ctttgaattt	gnaatcgttg	gtgatcccat	60
cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgcct	gtatttttcc	240
agcaaatata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatttct	caatcggacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaaccctc	ttggctctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagttnnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccggaatt	ttttggggcn	aatgaagtng	gaagcaagggt	660
gcaccctgga	gaacccccaa	nttaaattna	atthttcatga	cttggtcttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttgagg	ccttttttga	cttttggggg	gtcggnttta	780

cctagatccg gaccttgnta agntncttg gntggnc

817

<210> 3268

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 3268

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aacgtgattt	aaaagctgag	ctttttatca	gaaagctttt	ttgatgtttt	aagtgttatg	180
tgacttggtg	aactttttta	aaagtgtctac	ttttaaaatc	ccagatactc	tgaatttttag	240
aaaacaaact	aattctgatt	gtgtcgtgcc	caagtaccct	ttttttttta	tgaatagggg	300
ccaatgccac	attgcttttt	atatttcttt	cttttttaat	gttgccaaaa	ccaaaagtag	360
ctttgttttc	ctttgtattt	tgctactttg	cagtatttgt	gtgtgtgggt	ttntttcctt	420
aatttgaaag	ggacagnnct	gtgtatgttt	ataaactaaa	tgaagataag	atattatntt	480
gtataaacat	tcactctgaga	acaatcaaa	cagtagccac	atgggtgctgg	ctcctttgca	540
gcacaaacct	ggtcattttg	atgactgtca	acaggaagac	ttgaaaaatc	acgtggattc	600
atattaccac	cgctctcatt	tcattggagtc	ttctgatcaa	aaaaaagctc	acgtcgtatt	660
tcttctttnc	tttctctttt	ctaagaaaa	tgggtgtnt	gaccagaatg	ggaattttgc	720
ttccn						725

<210> 3269

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3269

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catgtactct	gcactctgtg	attaaaccaa	ttgcagatca	aaaatattag	aaaaaataaa	180
aataatacaa	ataaaaatac	agtatnncca	gttattttaa	tagcatttac	attgcattag	240
gtattagtct	agggataaag	tatacaggcg	gatgtgcgtt	ggttatatac	aaatatgtca	300
ttttatgtaa	gggacttgag	tatacttgga	tttttggtat	ctgtgggttg	gggggacggg	360
ccaggaacca	ataccccatg	gataccaagg	gacaactgta	cttattttacc	tttattgtca	420
ttgcaagctt	cttatggaaa	ctttatagga	atgaaaatat	acatgttaag	aagattaaac	480
attagatagt	agatggtttg	ttgcatgcta	gaactgttag	tattgttgaa	tcaattactt	540
tggtttcatg	aaaaaataaa	cgataaatat	ctttaaagag	aactagaaga	attttttgtt	600
tgagtnattc	cangctgnag	tatgatcntt	tactgaagta	gtttgattgg	ctggctaaac	660
ttanaattat	tggtttcttg	gtttgtanct	gccantaggg	gttantaatt	gtaangataa	720
aatgggtntg	tgtggnttaa	agggaaatta	ggtggngggt	aaaaatcttg	ggaaaatttt	780
ccgaac						786

<210> 3270

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

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tgtttctgtg	tacctataca	gtctatatat	aaatTTTTtct	tctcttgaca	gggttntatc	180
tatatnnccc	aagtnacccc	taattctttt	agaataaggc	agaaaataaa	tcaacgtaaa	240
ggttgagacc	aagccagaga	cagctggcca	aagtagctgg	ttcagggata	taacctgcaa	300
gttgccaacc	cagcgcattc	ttctcaccct	tcttccaccc	tacgaaaggc	catatcttac	360
aagagatgct	ggtaaagtgc	anacattcac	tgngtnaggc	ttntctacan	ctagcagtgg	420
catgagatca	gttcaatcca	atgacactga	aatggaactc	tccaagttag	tttctgcaaa	480
agacttctct	gttaacaggg	agttntttaag	ggaaatattg	caccttcctt	tccccgtctt	540
tttcaatcna	ngcatgatgt	cnggtgctac	cngnaaccca	tactgcnaaa	catgagggca	600
aatgagcctg	ngggaattta	aancntnaac	actaattnaa	gangaaaaaa	gatgcagaan	660
cctngatcct	tantggncca	tnattttaanc	cccttggacc	cactttttga	aaccagncct	720
ctanaaccta	tnngtgagtc	nnntttactn	ggatccenta	actngataag	aancnttgn	780
ntcc						784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

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ctcaggttaa	tgctgaaaaa	tcataccaaga	cagttattgc	aagagtttaa	tttttgaaaa	120
ctggctactg	ctctgtgttt	acagacgtgt	gcagttgtag	gcagtgtagct	acaggacatt	180
tntannggcc	caggatcggt	ttttcccagg	gcaagcagaa	gagaaaaatgt	tgtatatgtc	240
ttttaccggg	cacattcccc	ttgcctaaat	acaagggctg	gagtcctgcac	gggacctatt	300
agagtatttt	ccacaatgat	gatgatttca	gcagggatga	cgctcatcatc	acattcaggg	360
ctattttttc	cccacaaacc	caagggcagg	ggccactctt	agctaaatcc	ctccccgtga	420
ctgcaataga	accctctggg	gagctcagga	aggggtgtgc	tgagttctat	aatataagct	480
gccatatatt	ttgtagacaa	gtatggctcc	tccgtatctc	cctcttccct	aggagaggag	540
tgtgaagcaa	ggagcttaga	taagacaccc	cctcaaacc	attccctctt	caggagacct	600
acccttcaca	ggcacangtc	ccccaaatga	gaagtctgnt	accctctcatt	tcttnatctt	660
tttacttaaa	ctcaagaggc	agtgcagagn	agtcaggggc	aagacattac	atTTTTcata	720
ctttccca	tctgaaaaga	tgacagggga	aactgcaaag	cc		762

<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

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ggataaagag caccgcccag tggagaaatt cgtctttgag atcaccagc ctccactgct      180
gtccatcagc tcagactccn tgttgntca tgtggagcag ctgctccggg ccttcactct      240
gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt      300
cctggtgcac acgagagaag ccgccactcg caacatggag aagatccagg tcatcaagga      360
tttccccctgg atcctggcgg atgagcagga tgtccacatg catgaccccc ggctgatacc      420
actaaaaacc atgacgtcgg acatttttaa gatgcagctt tacgtggaag agcgcgctca      480
taaaggcagc tgaaggggca cctgcacccc actgatgcc aaactgtcag actttggggg      540
atccccgcct tagggcagtg ctgcatggct gccctgattc caaagtgtc ttatcgctc      600
tgtgtgtggg atcgcccgcc ccaaccccg ggccgcttna gtcttgcttg gnaggatgcc      660
ttcccccagg anggcagtga ngggatgcc caacctngac ttnttannct cctgggggtt      720
ccgcccggcn aaaactggct gnettaata ctgggcttg nagttgtttc aataaaaggc      780

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<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3273

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attcgaattc ggcacgagag aagttctagc acatcttaaat tnccttnata gtttaattga      120
tgaagagcat tgntgaagag ttaggaggtc tccctttgtc ctacattntc cgntttttta      180
gaatgagaag atgagaacga cctccagttc acatgacggc tgcnngagg atccagtang      240
ggagatacag tgctcagcac caagcatgtg caagttagca caatccaatt ttacatcatg      300
ttaccctcc aggacagttg ctttgacgtg gaaggtatag agggagttga aagganggtt      360
tgcatgggtg gcagangtgc cctgcagcct tcctntncaa gctgnaancc gttntgncc      420
ncctggaanc ngttggaaag tgtgtggtat ggnatgaaga tcccatthttg actctgttcn      480
tgatcttgn tactnaagtg anccttgctt nttagcncta ttggatgatn cattgatcct      540
ancatccct taactggctg ggtgntgctn cngggggaca ttgntttttt nncaatttcc      600
aatgcatncc ttnnngnanc tntttcctgt cacancanc caattnaatt natancctgt      660
gnattngaanc cnaanttcc cagggccgtn ngntagctn tntaaaanng ggntcaanta      720
aantttnnnt atgangcctn tngtataann tttntaacc atnggnntnt atgncnantt      780
ncaacctgng gttntcttn ataactnggc nnttttgtaa attcnnngtn tntntgata      840
atntacnttn tttcttttna tnagnggctt tatntcaaan taatccnca atanntaata      900
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<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3274

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tctggcattt	gtgctattgt	tcattctctg	tgaaggctgt	tcatagttgc	tatagcctgt	180
gttttagttt	gtgatttcat	caatcccatc	tttccgcgng	antaatgcat	tctaaacatc	240
ctaccccact	ttagaaacgg	acgtggggaa	cgcttggtca	tttaagccaa	caataaatit	300
aggtgaatgt	ccctaagtgt	ttactgnntt	tatccagtca	aggatttgct	tttccttgaa	360
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tgaaatctat	tatttttagt	agcctacttg	gcatttacta	catcggtcac	ttctccaggc	480
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tctanttccc	ctcagaaaaa	cccaaggagt	tgaanggaca	ggattttgnc	tangcnaaaa	660
atctaagact	cgtgcccttc	tggtacatng	gggttttaag	actggaatgt	gtaataggag	720
cactgccttt	gcccaatcna	atgantgaca	ggttaactnn	gaaaatggga	caatcacatt	780
tccncttac						789

<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

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ttctgccaca	caaagaactt	ggggtgtaag	gataaggcaa	aagctccaat	cccatttttc	180
agttctccta	ggatgcaccc	ctcagggagc	ctggccagag	ttccgnngcc	cgtgagcgtc	240
agctgttgct	ttattttcca	tcaaagccct	ctgagaagtg	agacctcagc	aattccggga	300
gccacataga	gacagacttg	gcaagggacc	ccctggntct	gagccagtag	ctgccatctg	360
gaaattcctc	ttttagcctc	tccttagagg	tgaatgtgaa	tgaagcctcc	aggcaccgcg	420
tgaatttctg	aggccttgct	taaagctcag	aagtggttta	ggcatttgga	aaatctgggt	480
cacatcataa	agaacttgat	ttgaaatggt	tttctataga	aacaagtgtc	aaagtgtacc	540
gnattatact	tgatgttggt	catttctcaa	gtcctatttc	tcagntctat	nattntagaa	600
cctangtcag	ttctttaagn	attataactg	gncctacatt	aaaaaaatgc	ttctcgaaaa	660
aaaaaaanna	tnnnantaca	aannaaaaan	cttcgaccct	ttaaaacctt	ttggggngcn	720
gatttacctn	ngaancgccg	cctgatnaga	aanccntggt	taaagtntgg	anaaacccca	780
cctnnaaagg	cnagggnaaa	aaaaagcccn	tttc			814

<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240

ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
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tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
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gcataggcat	actgacaata	caaaccgaaa	tccttttaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatgggttg	ggctccttga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccctctta	anaattntac	780
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<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

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acattttaaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgect	gtatttttcc	240
agcaaatata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatctct	caatcggtacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaaccctc	ttggtctcta	cgatcttcgg	gcaanaaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagtttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccogaatt	ttttggggcn	aatgaagtng	gaagcaagg	660
gcaccctgga	gaacccccaa	nttaaattna	attttcatga	cttggctttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttgagg	cctttttgaa	cttttgggg	gtcggnttta	780
cctagatccg	gaccttgnta	agntnctntg	gntggnc			817

<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480

gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3279

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3279

gnnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3280

gnnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatggttggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720

tttaattactc tgggnatttg ntggattccc aaccttctaa tattttacttt tcctctttan 780
taanc 785

<210> 3281

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3281

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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatgggttg	ggctccttga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
tttttctctt	tttatcaaac					800

<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

ttctaattgc	ttggttactc	gcctttctgt	aggatcccat	cgattcgaat	tcggcacgag	60
gcaagccagg	agtgtctggc	caggcctgtn	gtcgcancta	ctcnggaggc	tnacgccgga	120
ggatcgcttg	agccancag	gtcaaggcta	cantnagccg	tgatcatgcc	actgcactnc	180
aaactgngng	acacagngag	accctgtctn	ttaacaacan	ancccatgag	cggcangccc	240
cccagtctgg	atggttgtaa	agaatcctta	agatcaaacc	cacgcagtgc	ttaaagcttg	300
gcctgattct	agggctgggg	ctggacaaac	tgctanagat	natgccgata	gccngtgtga	360
tccccctgnc	ctgatngtna	anggcatagt	gcagantgga	accctttccc	ttccccaaan	420
attcagacct	gnngggctga	gtgggcctta	ttgagtcccc	aaagtctctga	gaanctnggt	480
ntctggcttt	tagccttcag	ctttcttagg	ttntgatgca	atnagttgng	ttccccctgcc	540
cttttcttgc	catgcacttn	cgaangaang	gtttncnggg	ttgcntggga	ancnttnccc	600
naacngcctn	ttanccaccn	naagnttttn	nngaatacanc	acttccctnn	ggggggggaat	660
acttttaaat	nccggaagnc	ctttnaacnc	ccttgggntc	cttccccnga	ntaccaagc	720
ttnaaatcca	aaattaccgg	natcnttagg	gctttgtagc	ntntgggttn	ggnttttgcnt	780
nttttttctt	aanctttntt	tnaataaacc	aatttcttnt	gnnacncc		828

<210> 3283

<211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 3283

ttgtannccct	tttctnatag	cttgggtcttg	actccttggt	gatcccttnt	ncnaattcgg	60
cacngngatta	cctncaaatc	tcaaggcggc	cttgaacatt	gagaaagaac	taccaaagcn	120
tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccog	acctcttgtc	180
accgtaccaa	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcgg	aggancatgg	tggcatcaaa	gattcctctg	ccacanatct	gatagataac	420
aggaaagtcc	cactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aaatgagtgc	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcgttttagc	cnangaagan	ttccttgggc	tatgccccca	cttggttaagg	600
aanattnatn	naaaaggcct	nncctnangg	gnttctgggg	aaaatttggc	ccaccantat	660
gnttnncntg	ggnatttgaa	aaantatttt	tgganaaagc	cttaanaaat	tttgggggga	720
atttaaacc	tttggttaacc	caataggtat	ttggtatnta	actgggggtn	ggngnnccct	780
tnacttgggg	aaaacntttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttt	840
taaaaattnc	cttttatttt	taacctcnan	atattttggg	ttaaattatt	angnancc	898

<210> 3284
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3284

nctaattgctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtggtagac	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgc	gataaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttattttg	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcatt		705

<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285

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gagtttacat	tttgtttgaa	tcaggatcca	aataaggttt	aaatattgca	atttgattaa	120
tacattaaga	ttcttttaat	ctataagttc	ctgctccatc	tgtcatttta	tttttatccc	180
ttgaaattta	tttattgaag	aaactatata	ctttgctttg	taaaattttc	cacagtgtgg	240
ctggcttttg	ctgattgcta	gcgtcatttg	ctattttatt	ttgtcctgta	tcttgatct	300
ggcgcttga	tcagatttaa	gttgattttt	ggggacgtaa	ttacttcata	ggtattatgc	360
atttttggat	agaggagtaa	agtagtgaaa	gtaatgtttt	taggatgggt	tgtctggcag	420
cagtgtgcaa	aatgaattgg	tagaggagaa	atggagagct	gcgaattaga	aggcaggttc	480
aatcagtga	ggaaggaaa	gctacagtaa	ggcagaggca	gggaaaagaa	aggcaataga	540
gatgagagag	attttgaaa	aaggaatttt	caataccttt	taggcttaac	tataagaaat	600
ggagagtcgg	ctgggcatgg	tggctcatgc	ctgtaatccc	agcactttgg	aaggccaagg	660
ccagtggatc	acctgaggtc	aggagtcaaa	gaccaacctg	c		701

<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286

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tgattatgaa	agaaataagg	cacaaccaca	gtttttcttt	cttaaatttc	atcactgttg	180
atgtggttct	tttgtgttaa	aaaaaaaaag	tgcaactatc	aaaactaaaa	aattatagag	240
taatattgcc	gttctgctga	ttttaaatat	acaatacatc	atacatactt	tacaagcaag	300
ttaaatggag	ataaagttga	aatcatagaa	gatgcaaatg	acctttcaaa	atcaacacaa	360
tgtgttctga	aactttcgtg	actaatacca	tgcattctgtg	atcaatgaac	tatgtgggtt	420
tgaatcggat	gtagaccatt	agtactacta	cttgagctaa	acttctgcat	ggttcataat	480
ttttaaagt	tgtagttaat	atgcatgtta	tcgtcctttc	ttccattctt	aacagtatgt	540
gccatttgc	aaaacaaaaa	tgctaataat	cagtaatagt	cctataaaaag	atgttaactc	600
gttttagtca	ttgactgata	ttgtcttaac	cttaaaattt	tgtgattatt	gacctctgtt	660
gcatttatte	taaagccccc	caaaaattat	ctagccggtt	cgaag		705

<210> 3287
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3287

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agcgagccg	attctgcccc	ctacgattgg	ttcggggact	tctctctctt	ccgtgccctc	120
ctagagccgg	agctgcggcc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtgcc	180

ctgagctacg	agctgttcct	cggaggettc	cctaattgtga	ccagtgtgga	ctactcatca	240
gtcgtggtgg	ctgccatgca	ggctcgtat	gccccatgtgc	cgcagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gateccctgga	ccgtgtcctc	tgaagggtgc	420
cacactgtgg	accaggtggt	gagtgaagggtg	agccgcgtgc	ttgtccctgg	aggccgggtt	480
atctcaatga	cttctgctgc	ccccacttt	eggaccagac	actatgcccc	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcgggttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccag	ctggctctgg	gggcccacaa	cctctcacc	660
cccagacctn	ccacctcacc	ttgcttcctt	caggactcaa			700

<210> 3288
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3288						
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gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgatcatg	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaataag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggtgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660
aagattgcct	ggggccaggc	tggtgaangc	ttgggttgct	tant		704

<210> 3289
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3289						
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gatgaaaaga	agaggtgact	gttgatcatg	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaataag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggtgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660

aagattgcct ggggccaggc tgttgaangc ttggtttgct tant

704

<210> 3290
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3290
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 ctttttttat gcaattcagt ttgtttctcag tgatgagttt agtcatcttc gtccagaaca 180
 gcggttggtt ttattgcatg aagggtactgg tcctcgtggt atttctgctt ttgtggagat 240
 tatttttgat aattcagaca accggttacc aatcgataaa gaggaagttt cacttcgaag 300
 agttattggt gccaaaaagg atcagtattt cttagacaag aagatggtca cgaaaaatga 360
 tgtgatgaac ctcccttgaag gcgctgggtt ttctcgaagc aatccttatt atattgttaa 420
 acaaggaaaag atcaaccaga tggcaacagc accagattct cagagattaa agctattaag 480
 agaagtagct ggtactagag tgtatgacga acgaaaggaa gaaagcatct ccttaatgaa 540
 agaaacagag ggcaaacggg aaaaaatcaa tgagttgtta aaatacattg aagagagatt 600
 acatactcta gaggaagaaa aggaagaact agctcagtat cagaagtggg ataaaatgag 660
 acgagccctg gaatatacca ttacaatca ggaacttaac 700

<210> 3291
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3291
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 gaaatctttt ggatcactta acaagaatga gatctaactt tttgaagagc actcgcagat 180
 ttctgaaagg acaggacgaa gatcaagtgc acagtgttcc tatagcaca atgggggaact 240
 accaggaata cctcaagcaa gtaccttctc cactaagaga acttgatcct gatcagccac 300
 gaagggtgca tacatttggc aacccttcta agctggataa gaagggtatg atgatagatg 360
 aagcagatga atttgtggct ggacctcaaa ataaacataa acgacctgga gaaccaaata 420
 tgcaagggat ccctaaaaga cgtcgggtgta tgtctccact actaaggagg agacagcaga 480
 atcctgttgt aaacaatcat attgggggaa aaggaccacc tgcacctaca actcaagcac 540
 agccagatct tattaaacct ctctctcttc ataaaatttc agaaaccact aatgattcga 600
 taatacatga tgtggttgaa aatcatgttg cagaccaact ttcacagac attacaccaa 660
 atgctatgga tacggaattt tcagcatctt ctncagccag ttag 704

<210> 3292
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (701)
 <223> n = A,T,C or G

<400> 3292

ctaagtctgg	ctnttgttct	ttttgcagga	tcccatcgat	togaattcgg	cacgagccca	60
catgtaccag	gttgagtttg	aagatggatc	ccagatagca	atgaagagag	aggacatcta	120
cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	ttttccacag	cctctgacat	180
gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	ggggagagaa	agagacaaag	240
agtgtcgagc	tccaggttta	agaatgaata	tgtggccgac	cctgtatacc	gcactttttt	300
gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	tctgcataca	tcgctgcagg	360
ccacagagca	gcttgggttg	gaagagagaa	gatgaaggga	catccttggg	gctgtgccgt	420
gagttttgct	ggcataggtg	acaggggtgtg	tctctgacag	tggtaaactcg	ggtttccaga	480
gtttggtcac	caaaaataca	aaatacaccc	aatgaatttg	acgcagcaat	ctgaaatcat	540
ctctagtctt	gctttcactt	gtgagcagtt	gtcttctatg	atcccaaaga	agttttctaa	600
gtgaaaggaa	atactagtga	atcacccaca	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttggtg	cggcttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (705)
 <223> n = A,T,C or G

<400> 3293

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtggtagag	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagccact	300
actcccctat	aatcagtgtc	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaaa	aaaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttattttg	tgaaatttgt	gatgctattg	ctttattttgt	660
aaccattata	agctgcaata	aacaagttta	caacaacaat	tgcatt		705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 3294

gnnnctaagt	gcngggctct	cggtctttct	cgcaggatcc	cnncgattcg	aattcggcac	60
gagctctatc	ttgtttattg	ttgatgccat	cttagaggaa	aaaatgtaaa	ggtaagtaat	120
taagcatatg	acagcaacaa	ataagatact	tataacctaa	tgggacttta	ttttgtagtt	180

ttatgtatta	caaaaaatcc	acctttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gatcgactgg	gttttaaatg	cctagttatt	tgaggatttt	gctgtgttgt	300
tttccatgtc	ttctctgggc	accttggatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggcttttag	420
tgaataactt	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggg	gcagaacttg	taccaagtac	aaaagggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gctgtactg	ttaatttctc	gtataattca	cttaaataaa	agcagggttaa	cctcaatgat	660
agcagttaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1073)

<223> n = A,T,C or G

<400> 3295

ttnactnact	gcttggett	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ggtaaagagc	aagtaatgag	cttgtecgtc	agctggtagc	tttcattcgt	aaaagagata	120
aaagagtgc	ggcgcatcga	aaacttgtgg	aagaacagaa	tgcagagaag	gcgaggaaag	180
ccgaagagat	gaggcggcag	cagaagctaa	agcaggccaa	actgggtggag	cantncatat	240
annanntctg	gtcgnctntn	gnctntttgt	ttantcnnat	ccntccccct	nccnctctc	300
tnntccnccc	tcttatnact	tctnttttcc	ntctttnttc	tnntccccct	tcnctttnna	360
tcttccnmtt	ntnmtnttcc	ntcccttctc	ncnctnctc	ttctctctnt	cctcttcatt	420
ctntccnctc	ccttctctct	ttcactctcn	tcncttctct	tctctattct	cttcnmtcnn	480
tncttctctc	tatccactna	cntcctntct	ctctcatccn	atctcatnnc	tctctctcat	540
ncntanntct	tctctccact	ttctctctac	natntctcnc	tactctctna	tcanaanacct	600
ctnttccnct	ttctatcnct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
tttctctctc	ntctctctac	ttctactnt	tatttctctn	nttctcatca	gtctcttnt	720
atctctttct	ctnctgttta	ctntctnct	ctctatctct	tnctatntct	ccttctctct	780
cctcctatnt	ctanatcatn	tctctntcat	ctnntctct	ccctttctac	cgtctcnacc	840
aantnctnt	acntgcttcc	tcnccnctc	ttcttttcca	tattctctct	ctctctnttn	900
ttctnactct	ctccctctct	ctctnttct	actgctgtgt	tctnactnnt	ctccttanct	960
acanccatna	ctcacctcat	ctcatctcct	cnnctcncct	tctctcncat	ntntttctct	1020
nctttntatc	catcttctnt	cntnctctct	ctctcacact	actnttctct	nnt	1073

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3296

ctaattgctg	gnngctcggt	ctttccgcaa	cancccnngc	antcgaattc	ggcacgaggt	60
ccgaagaaaa	agactgtggg	ggcggagatg	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtttgcc	ttctcctatg	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaat	gagcctctga	240
gcttcctaca	gcgcctaact	gaatacatgg	agcatactta	cctcatccac	aaggccagtt	300

cactctctga	tctctgtggaa	aggatgcagt	gtgtagctgc	gtttgctgta	tctgctgttg	360
cttctcagt	ggaacggact	ggaaaacctt	tcaacccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttgga	tttagactca	tctccgaaca	ggtcagccat	cacccaccaa	480
tcagtgcatt	tcatgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

nctaagtctg	ggctactngt	tctttntgca	gnatcccatc	gattcgaatt	cggcacgagg	60
acagcccca	tccgggagca	ggagggcctc	ctgccttggc	atatagaccc	ctgggcgcct	120
ccctgggatg	cccaccaggc	ccagggatcc	acctaggtgg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tggcacatcc	tgcctttgca	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcttttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cgggaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	ttaaccagga	ccaagtggcc	600
athtagtggtc	ctggaaactt	agaggacagt	gttggccttt	ggagtcgggc	cttcttgtgt	660
taagggggcac	aaggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

gtncnaatng	ntntgtagat	cganntagcc	taaacaaatt	ggcttgnccg	cccttccttc	60
tgtctctgga	gaccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cgggtgggtg	ggacttccgt	ctgaatttta	aatacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgcttttag	tttctgtttt	240
gctgggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gcccccgggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agccccctga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctgggggtct	tggataggte	cccgtccacc	tccttcacaga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtggttaacc	ccagtcctgg	cgtangttta	cagnctctca	600
aggtacntng	nccctgntc	tcctgggana	nangnntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nttcganagc	cngaagccc		709

<210> 3299
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3299

gtaantaatt	anctgnagct	cgaantagcc	taaacanatt	ggctngncga	attcggcacg	60
agacccgagg	ctcgggtgtac	taggtgcgaa	tgccgccttc	tgtggtgacc	actgtcttct	120
catcctttgc	acctatagga	ggtgagtgcc	tttggggaag	acggcgaggg	cgacgacctg	180
gacctatgga	cagtgcgctg	ctctggacag	cactgggagc	gtgaggctgc	tgtgcgcttc	240
cagcatgtgg	gcacctctgt	gttcctgtca	gtcacgggtg	agcagtatgg	aagccccatc	300
cgtgggcagc	atgaggtcca	cggcatgccc	agtgccaaaca	cgcacaatac	gtggaaggcc	360
atggaaggca	tcttcatcaa	gcctagtgtg	gagccctctg	cagggtcacga	tgaactctga	420
gtgtgtggat	ggatgggtgg	atggagggtg	gcagggtggg	cgtctgcang	gccactcttg	480
gcagagactt	tgggtatgta	ggggtcctca	agtgcctttg	ngattaaaga	atgttggtct	540
atgaaaaaaaa	aanntnnccc	antcnccaan	ncntctctcn	nnanctcnnt	tnntnctncc	600
antttnnctt	ntnccnccct	ntctnccnct	acttccnatn	nacnataca	tccccntcac	660
ttnattaant	ccnatnttan	antngcncnc	tnntcnnacn	ntcntctcat	acntggtntn	720
atcanttctc	tanatectct	ctcnnctctc	cgncgctnna	ctncttctcn	tancactcac	780
cct						783

<210> 3300
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3300

atgctgganc	taatnctggc	ntctcgttct	ttccgcagca	ccnccgattc	gaattcggca	60
cgaggcctgc	tgttctcatgc	cgcggcgctc	ctgctccaag	tctctgtgct	gctggggccct	120
gcaactgtcg	ccctgtctgc	agccccacag	cccctccaca	tggctgccct	cctcctgctt	180
ccctgggtca	tgttgctcac	aggcagagtg	tctctggcac	agtttgccct	ggccttcgtg	240
acggacacgt	gcgtggcggg	tgcgtgctg	tgcggggctg	ggctgctctt	ccatgggatg	300
ctgctgctgc	ggggccagac	cacatgggag	tgggctcggt	gccagcactc	ctatgacctg	360
gggtccctgcc	acaacctgca	ggcagccctg	gggccccgct	gggccccctg	ctggctctgg	420
cccttctctg	cctccccatt	gcctggggat	gggatcacct	tccagaccac	agcagatgtg	480
ggacacacag	cctcctgact	ccaggaagag	ccagagctgt	gcagggagga	aggggtgaga	540
ggggggcccc	cacacctaga	ctcagtaagg	aagtcgggtt	ggaccttaac	atctgcattg	600
gacaactcca	cccccttctt	ggccttgccc	ctgccccgct	acactcctac	gtgtccaggg	660
cttggggccc	tgacttangc	agaggagtgc	agaggagggg	ctggc		705

<210> 3301
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3301

tntctnaatn	tgntnncgna	tcttgaggac	ccatcgttca	attccgnncc	naggggggnan	60
ctncccntac	tccontggatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggtttg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagccccc	caaagatagt	tgatgtgtga	taatctcata	atggtgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcattctt	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	gttggagccc	ccatnatnaca	600
tcttctgtgc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttcccccgat	660
gaatgcaaat	naaacctttt	tgacaccagc	aaccatttgc	tctttanaat		710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3302

nnatgctggn	nctaagtctg	getactngtt	ctttnngcag	gacccatcga	ttcgaattcg	60
gcacgagggg	ctaacttaca	gaggagctgt	gtatcctgaa	gattcagcga	ctggcaagga	120
atttccttgg	gagcaatgtg	tgagggaggc	catctgagga	gatctgtggc	tttcttttgt	180
tgtgggaatc	tggcttatgg	atgaatctac	gacacaggat	tgtgaaatta	cagctctttg	240
ggaacaaaag	gaaggcagta	ttgcatgact	tagtttccca	gcttcacttt	ccctttggca	300
tgggtgagttt	ggggtcttga	gagtctattt	tctttcacac	ccatcagcac	tgtaagtaa	360
gcaggaagac	aacctgaggt	tgtctcttta	ctttgagttc	ctacataata	aattgcagcc	420
taatttagta	cataaaccca	aacctaat	aggagtaaat	tttttgtagc	agatagccag	480
atttcagcca	atcacaggct	tcagctaac	aagactatgc	ccaaataagg	caaatgcctc	540
atcacatgat	gctcaaataa	ggcagccacc	taggcgaggc	caatcaggta	acttttctac	600
tttgcttaat	tggttcagcct	gtacaaattt	gctgcttatg	actgctgagc	agagctgtct	660
aaacctcttc	tggtttgag	tgctgcctta	tatatgaatt	gttctttgg		709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3303

aacgctgggn	ctaaatggct	ggctatcggt	ctttccgcag	nancccntcg	attcgaattc	60
ggcagagct	gcgacccctc	ggaccagtgc	ccgccccagg	cccgtctggag	cagcctgtgg	120
cacgtggggc	tcactctgct	ggcggctctc	ctgcttctgc	tgtgtggtgt	cacagctggt	180

tgtgtccggt	tctgctgcct	cgggaagcag	gcacaggccc	agccacatct	gccaccagca	240
cggcagccct	gcgacgtggc	agtcattccct	atggacagtg	acagccctgt	acacagcact	300
gtgacctcct	acagctccgt	gcagtaccca	ctgggcatgc	ggttgcccct	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtacacccc	ggagcctcca	420
ccctcctacg	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaaccca	gcctctcctc	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tcggggcccca	atactcaact	accaccttgt	agccctgggt	ccccttgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	accccaccgt	660
cccacacatt	gctgtggccc	caacctcggt	gccatgttac	accggcccct	gg	712

<210> 3304

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3304

gnanctaata	gcntgggcna	ctcggttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaat	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctattt	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgg	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3305

gnanctaata	gcntgggcna	ctcggttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaat	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctattt	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660

gtctaaccg ggggtgccagg aacacacaca tcttccatcc cagcata

707

<210> 3306

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 3306

ctaagtcttg	gctantngtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagat	60
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tgctctgggg	tctccggggg	ccacagcttg	gggtgagttg	aagacctcag	gggatgtgga	180
gggggtctgcg	gggccctggc	cgcacaggat	ggccttcagg	gaaggtggtc	ttggggcatg	240
gtgcagagca	ggtgaccgga	gggaatcggg	gacggagcgg	ggccaaggga	ggggtccgga	300
gggagtcagg	gatggagggc	agagggagtg	gatgtggggg	tttgaggacg	tgtgacaagc	360
tccagcaggg	gtggggggcg	ggctgagggg	gggggtgcga	ggtggtcact	cccatcgtgc	420
ccctggccgt	ccctccactc	acccacacct	ggcccagtc	acgttgaggg	ccaggactgg	480
gaaggaccgg	gtgagtgcac	cggggaccca	ggccaggtgc	ccccgggagc	ctgctggggg	540
ggccagagca	ggaggggggtg	tgtttccttt	ttgtgggtgt	tgcattgcaa	tcaagtggac	600
aagaaaaaat	aacanaacan	anaanaaaaa	aaaaaactcg	agcctctaga	actatagtga	660
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tga		703

<210> 3307

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 3307

gnncntaaa	tngctgggct	actcgtncct	tctcgcacgn	anccnnncgn	ttcgcacaaa	60
gggagaactt	cctcgaggct	ggaactgggt	tgatgttggt	aagcatttaa	gcaaaactgg	120
ctctaaggat	gatgagtagc	acttgggaatt	tgagacaagg	aaagagcatt	ctttaaagag	180
taaaactggg	ttcaaaatct	ttcattacta	ttttctggta	ttgaggcgac	tttttataaa	240
acacaatttt	ttgtatgttt	cttacattaa	aaagggttga	agttgaaagt	tcatgaagag	300
atcttggtgt	attaaattat	tttcacaaac	ttgccttaat	aaaagggtgaa	aatgttactg	360
tttagtatac	tttatgaagc	cccttgagct	ttataaatgg	acaggcatgg	ggaataagaa	420
tcagtgttaa	tttaaattgat	cttatectgg	tggatgtgct	attttcttaa	aggagtatga	480
agcccttttc	aaactatcat	cccagtgagg	cggagtactc	agtgaacagt	tactccatag	540
tgcaatccat	attaataggc	ttcttctctt	aagtcttcat	ctcttctttt	gcttaattac	600
tgaaccgtaa	attacttcag	agaaatttaa	atgctgggtat	ttgaacttta	tacatgatac	660
tttttgtagt	ttcttttaat	ttttgaaaga	tgaactgctt	ccttttaanc		710

<210> 3308

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3308

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tgctggcnat	cgttctttcc	gcagcagccc	ancgattcga	attcggcacg	agataacaca	120
gactttcaag	gaccaaggat	tggaggtttt	aaagcaggaa	acagcagttg	ttgaaaacgt	180
ccccattttg	ggactttatc	agattccagc	tgagggtgga	ggccggattg	tactgtatgg	240
ggactccaat	tgcttggtatg	acagtcaccg	acagaaggac	tgcttttggc	ttctggatgc	300
cctcctccag	tacacatcgt	atggggtgac	accgcctagc	ctcagtcact	ctgggaaccg	360
ccagcgcctt	cccagtggag	caggctcagt	cactccagag	aggatggaag	gaaaccatct	420
tcatcggtac	tccaaggttc	tggaggccca	tttgggagac	ccaaaacctc	ggcctctacc	480
agcctgtcca	cgcttgtctt	gggccaagcc	acagccttta	aacgagacgg	cgcccagtaa	540
cctttggaaa	catcagaagc	tactctccat	tgacctggac	aagggtggtgt	tacccaactt	600
tcgatcgaat	cgccctcaag	tgaggccctt	gtcccttgga	gagagcggcg	cctgggacat	660
tcttgagggg	atcatgcctg	gccgctacaa	ccaggagggtg	ggccagacca	ttctgtctt	720
tgcttctctg	ggagccatgg	tggtcctggc	cttcttt			757

<210> 3309
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3309

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aaactctgtt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatcccat	gattcaatca	tttctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	acccctcaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3310
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3310

ctaagtctgg	anctaattngc	tgggctctcg	ttctttncgc	agganccctc	gattcgaatt	60
cggcacgagg	tcacatctta	gatggatggt	ggcagacaaa	aagagagagc	ttatttaggg	120

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aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca 180
gggcacagac ccatcccat gattcaatca tttcctactg ggtttcttcc acagcatgta 240
ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
atcaaaatgg attaaagatt taaatctaag accttatact ataaaactaa aaaagaaaac 480
agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag 540
cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
catcaaagga aacaatcaac aacgtgaaca gacagccac agaagtagag aagtatttgc 660
aagatactca tctgacaagg gattaataga atatataagg agctcaaata 710

```

<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (695)

<223> n = A,T,C or G

<400> 3311

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tctgccgtct ttaacatgtg actttctagg tcagtcactc ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggtttagcta tggtgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgccccat cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600
catgtgtcct tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
atatcagtta cacttggggc tttgggggtt gagan 695

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<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (695)

<223> n = A,T,C or G

<400> 3312

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ctaagtctgg gctggcgntc tttccgcaag annctcgcgat tcgcccaggc tgacagggggc 60
tctgccgtct ttaacatgtg actttctagg tcagtcactc ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggtttagcta tggtgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgccccat cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600

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catgtgtctt tagtctggat agctattggt aaactgccta caaactgagc agatctatta 660
 atatcagtta cacttgggcc tttgggggtt gagan 695

<210> 3313
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (701)
 <223> n = A,T,C or G

<400> 3313
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 cagaaatact ctgatactag ctatggtcag caacatttaa tgaaaaccct tatgttaaaa 120
 ataaaccctt gcctcctggc ttcaagcgat tctcctgcct cagcctcctg agtagctggg 180
 agtataggca cgtaccacca caccagcta attttttgta tttttactag agatgggttt 240
 cacagtgtta gccaggatgg tttcgatctc ctgacctcat gatccgccc cctcggcctc 300
 ccaaagtgtt gagattacag gcgtgagcca ctgtgcccg cctcaaaatc ttaagaaaag 360
 gttcttttgg tgcattggagt ttacatgga ataagttagt gcctctgcaa tttaaatatt 420
 ttttacacag atttgatgct gtgcaaatgc cctctccctc tttaggtgtt gcttgttcag 480
 tatctcaagc ccagaaagat gaattaatcc ttgaaggaaa tgacattgag cttgtttcaa 540
 attcagcggc tttgattcag caagccacaa cagttaaaaa caaggatatc aggaaatttt 600
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 gagttacctg gctacagaaa gaagatgcca gatgacactt n 701

<210> 3314
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (704)
 <223> n = A,T,C or G

<400> 3314
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 ggttcagcaa cttcttgtct caatcacctc tcagtcagag tgtgatgctt tccccaacat 120
 atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa 180
 cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc 240
 ttatggaact ttcaccatca atgaatccac cattattgat tctccaagg tttctcacag 300
 aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct 360
 ggatgccatg gcttttaata agtttaatgt tcttcaactg cacatagttg atgaccagtc 420
 tttcccatat cagagcatca cttttcctga gtttaagcaat aaagttagta aattgtattg 480
 tactctgtct acaaaaacat tgggtatagt ttcattacaa gttttagct taaatgtttg 540
 ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tggtttttaa tttttttggc 600
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 attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg 704

<210> 3315
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 3315
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 gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tcctgtgtag 120
 ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat 180
 atgtgaagat gtgtattata gaattgtttg taatactgta gtgttgtagg caatgtgact 240
 gtctataggg aagtggacag gttattttgtg gtaaatactc atggaaaacg gtcaagcagt 300
 taaaagcaat caattatggc caccagcaa tgcagataaa tcttaaaagc atatgatgct 360
 atgataccaa agcacaagca ccgcccctgt aaatagagga attagatttc ttcagcatta 420
 aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga 480
 aaaatacttg caaaccatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat 540
 aaaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt 600
 aaagaagatt tacaatatgt caataagcac atgaaaaaga tgttcaacat cattactcat 660
 cagcaaaatg ccaatcaaaa ccacaatgaa ataccatttc at 702

<210> 3316
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3316
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 attcgaattc ggcacgaggc cacacgggccc gcatcatccc tgcaatctgg ttcgctacg 120
 acctcagccc catcacggtc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgatc tgtgccatca ttggcgggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
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 tcctttggcc ctcaatctgg tcccaaactc ggctgtgtcc caaaggggtg gtgggaagtg 420
 gggggaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt aactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtgggag tncagggatc ttggggaccc ctntctaggag agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggcttngac 660
 aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3317
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cttgtgctat	gaggtggagc	gcctggacaa	tggcacctgg	gtcctgatgg	accagcacat	180
gggcttttcta	tgcaacgagg	ctaagaatct	tctctgtggc	ttttacggcc	gccatgcgga	240
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cnttccttca	ggagaacaca	cacgtgagac	tgcgcacctt	cgctgcccgc	atctatgatt	420
atgacccctt	atataangag	gcgctgcaaa	tgctgnngga	tgtgggggcc	caagtttcca	480
tcatgacctt	cgatgagttt	gagtactgct	gggacacctt	tgtgtaccga	cagggatgtc	540
cttncaacct	gggatggact	aaaggagcac	agccaanccc	tgagtgggag	gctgcngggc	600
attctccaga	atcanggaaa	ctgaaggatg	gcctcantct	ctanggaggc	ngagacctgg	660
gttggtcanca	naataaaaga	tttttttcaa	gaaatgcaaa	cagaccgtca	ccaccn	716

<210> 3318

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3318

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gctggagggtg	agcagcaggc	gagtgaaggg	aaacttcate	tgtatttcta	gcccctccca	180
tcgcttgcac	gaccacctga	gctccatgtc	ctgtcagatc	agcagcagca	ttagattctc	240
acaggagcac	aaactctggt	gtgaagtgtg	catgcgaggg	atctagggtg	tgtactcctt	300
atgagaatct	aatgcctgat	attctgtttac	tgtctcccat	caccccagat	ggacagtcta	360
gttgccaggaa	aacaagctca	gagatccccc	tgagtctacg	ttatagttag	ttgtagaatc	420
atttcattat	atattactat	gtagtaataa	tagaaataaa	gtgcacaata	tatgtaatgc	480
acttgaatca	tcttgaaatt	attccctcat	tcccagtcct	tggaaaaaatt	gtcttccaca	540
cattcactct	gttttttggg	agaggcaggg	tcttaataata	ttgcccagtc	tgatctcaaa	600
ctcctggcct	caagtaatat	acctctctta	gcctnccaaa	agtgtctgaga	ttacaggcat	660
aagccccccc	ctcaaccaag	actttnttna	accaaataaa	aattaagtga	gattactttg	720
gcccag						726

<210> 3319

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 3319

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gtgacctccg	gcctcggg	tctggccgtg	gaggataccg	gagccctctt	gcctcggccg	180
gtaaggccga	ggacgagggg	gaaggaggcc	gagaggagac	cgagcgtgag	gggtccgggg	240
gcgaggaggc	gcagggagaa	gtccccagcg	ctggggggaga	agagcctgcc	gaggaggact	300
ccgaggactg	gtgcgtgccc	tgcagcgacg	aggagggtga	gctgcctgcg	gatggggcagc	360
cctggatgcc	cccgccctcc	gaaatccagc	ggctctatga	actgctggct	tgcccacggg	420
actctggagc	tgcaagcccg	agatccttgc	ccgcgccggc	cttcacgcgc	ggaggcccan	480

aaccgaaaag	gaaaagatcc	cgatgaagga	gcccggaggc	ccaaaanaaa	aaggaaagag	540
ggaaaaaacc	cacacattgc	cccacnggaa	tttggaattt	ttgattgaat	gagcccaant	600
ggaccaccca	aanggacttn	cccttgattg	gaacccggga	gaaccccanc	ccccaaagga	660
aagcnttnaa	ccccccggga	agccccagaa	aaaccngggn	angggccccc	ccccttgggn	720
acnaaagggt	ggcctttttc	cgggnccttt	tgaagaggag	gaccccccan	nnaaagncnt	780
tgggagggga	aaccaaaaaa	tcccctttnn	gtaanccccg	gggaangggg	nancctttnt	840
t						841

<210> 3320

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 3320

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agacatggag	aagcactttg	ttttaaatag	gagggtttca	tagttgcatc	tgaagccacc	180
tggttctgtt	aaactgtatc	gtgcagggtt	tgggtttggc	attattcatg	tttctgatca	240
attctatgca	actctcatag	ttcctgttac	tttttagcat	tagctgcaa	atgacttcaa	300
aaggctgggg	tgggtgactt	gactgtgaga	ctggattata	acatggacaa	atcttatttt	360
gcttaatgtg	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtatgta	420
tatatatata	tataaatatc	tttcccaata	tgccccgttg	acagtgttta	aattccanac	480
taggactgct	gatctgcaca	atttaattat	gtggntattc	gagcacttaa	tttcaactcaa	540
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ttcaanantc	tagtggtttt	gcncaacagg	ntgnccaatg	anaaaaactga	nttgctgtn	660
tgtaaatgtt	gncaggng	cacatctnnn	agggntcnat	netccggcct	gtcctccaaa	720
agggctgggc	cttgggccc	n				741

<210> 3321

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3321

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ccttctttcc	tctctgtttt	gtttttcatt	ccccccctc	tctccccctc	ccctccagtc	180
cacgacgact	gggctgttga	ccctgttcag	gcctcgggtga	aggcttttgg	ttactcccc	240
tcccaccca	tcccttaatt	ttattctttt	gaagagtgc	tttcaagctg	ccaaggtgga	300
gagagggatt	acagaaagga	gaacacctta	tttcagaaaa	ggtgtaccat	acctgagagc	360
accaggaagt	cgcagagag	atcacctgat	acatgaacgt	atgatgttcc	atctgcgc	420
tgatgaatag	gcagcattta	caaattaact	gatgtgttgc	tgnatatcat	ctctttgatg	480
attgctctc	ttctttgtat	cctgncttat	aatttcaaca	catttgcgat	actcaatgtc	540
tattctaaat	taaccatggt	ttgtaccaca	aactcattgc	ccatggatct	gttgctgaaa	600
caaggaagtc	ttaaacaaga	agtggaaatc	ttctgttata	agattgggtc	tgaatcaa	660
gatcagaagg	gtgggaatat	tacaaantga	agaataacag	ntgcaacctt	cagtttctna	720

aaaataanaa gngagctttt cagggcaaat t

751

<210> 3322

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3322

nctaagtctg	ggcnccttggt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttcatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aaatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaagggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttatTTTT	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcccttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaatgctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggccttg	gaaatagttt	cagccttgct	aacac		705

<210> 3323

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3323

gnnnnntttnn	nnnnntttnt	aaananacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	cacacgggcc	gcatcatccc	tgcaatctgg	ttccgctacg	120
acctcagccc	catcacggtc	aagtacacag	agagacggca	gcccgttgt	acagattcat	180
caccacgac	tgtgccatca	ttgggcggga	ccttcaccgt	cgcggcatc	ctggactcat	240
gcatcttcac	agcctctgag	gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	300
acacccagcc	taatggccga	ggaccctggg	catcgccagc	cttgcctcca	gtgccctgtc	360
tcctttggcc	ctcaatctgg	tcccaaattc	ggctgtgtcc	caaagggtgt	gtgggaagtg	420
gggggaaagt	agaggatggc	tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	480
tagacaaatt	acactgcctg	aagttgcagt	ttccctttcc	tggggagccc	caagaacaga	540
gtcaggcaag	gggtggggag	tncagggatc	ttggggaccc	ctnctaggag	agctgcagtc	600
tcttncccta	ggggaacatn	ccanaatgca	tatngatcag	ctntnagcca	ggctttngac	660
aattttccag	cccccaacta	ggtgggacac	attaatgaat	ttgggttttt	cccttgggca	720
agccaacctg	ncccaaangc	accaaaactg	gggcttttan	n		761

<210> 3324

<211> 712

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3324

gtncataatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gcctttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatggtct	gggtttcctt	tgctgaccag	gggtgtgtgt	ttgtccaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttggat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttataa	600
agtggggcaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaataaagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggctcacgc	ccgtaatccc	gc	712

<210> 3325
 <211> 1249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1249)
 <223> n = A,T,C or G

<400> 3325

angctacttt	gttctttttg	caggnnnttt	ttnnnnnatac	agctcttgtt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacgagaa	aacacacaca	cacacaacac	aatgtttttca	120
cgcctgtaaa	cctagcacat	tgggaagcca	aggtggggag	ggattgcttt	gaggccaggg	180
aagttcaagg	gctgcaagt	gagcttatga	attggcncac	ctggtaacctc	ttagccctgg	240
gggaggaaca	agaagtggag	gaacacctgg	tcttcttnaa	aaaaaaaaaa	aaaaaaaagg	300
tttttttttg	gaaacccctt	ttaaaaaaat	taaccttttt	tgggtttttg	ggaaaatttt	360
tccttttaaaa	ttccaattcc	aantttttcca	aaaaaaaaagg	naaggcccaa	ggtttaaaaa	420
aaaaaaaaaat	nggggggttt	aaaccttttn	gggttttncc	ttttnngggt	aacccaaaag	480
ggccctttan	ccttttaaaaa	tttttaaggg	aaacctttta	tttaagggtt	aaggggggaa	540
attaantttt	tttttnaaaa	aaaggnaagg	cccttgggna	aaantttcaa	cccttttttt	600
ttnggggggt	aanttttttt	tnggggggtt	anttaaaaaa	aattaatttt	tttttnccaa	660
tttttttggg	ttttaaatng	gttccccccc	caaggntaaa	ttaaattttc	ccttttaaac	720
cttgggggna	aaaaaaaaatt	ttccnttttg	ggtttttttt	gggaaattcc	ttgggcccc	780
ttggnaaaag	aaaaaaaaaaa	ttaanttcct	tgggggtttt	ttnccttaan	ttanttaaaa	840
aaaaaaaaaaa	aatttttttt	tttttaaaaa	aaaattaaaa	atttnggtta	aaaaagggtt	900
ttaagggaat	tttttaaaaa	aaaatttttg	ttaaaaaaa	attatttaaa	aaaaattcca	960
accaaaaagg	gggaaaattg	gttanccctt	tttaatggga	aaatgggttt	gggtttggga	1020
cccanttttt	ttaattggaa	aaaattttaat	tggtngggga	tttccaatta	tttacctggg	1080
tttanccaaa	ggaataagga	aaatttgga	atgggccaaa	aaaggaccca	aaaaccctca	1140
attaaaaatt	tgagggaaaa	cgtgggttatt	atgtaattga	aataaaaaa	ttttataatt	1200
gtaaaaaaa	aaaaaaaaaaa	actcgagcct	ttaaactata	ggggtcgtt		1249

<210> 3326
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3326

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tactgggttt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaatggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3327
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3327

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcat	gttaatcatt	tggggatctt	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tactgggttt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaaggggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaatggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3328
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3328

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttctt tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta      240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtg aatttagccc      480
gacgagggta aacacatcct aacaggggaag gtaaaactgta cgtccatcag taccactaga      540
gggcatcact ggttttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta      660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata ggttgcttaa an                                     752

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<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3329

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttctt tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta      240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtg aatttagccc      480
gacgagggta aacacatcct aacaggggaag gtaaaactgta cgtccatcag taccactaga      540
gggcatcact ggttttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta      660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata ggttgcttaa an                                     752

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<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3330

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ttggnnnnnn nnnnnntttt annntncagc tnnngnnnagc tcttggtctt tttgcaggat      60
cccatcgatt cgaattcggc acgaggttgg cgggagatgt ctttttattt ttgtgctgta      120
aaattctctt acagcaaaaa taggcttttag aaaggtcttc tactgtcttc agcaaccatc      180
tcattctcca gcttcacctg attgtccagt tatcatacat ttgactttca aatgtatgaa      240
ccagcatgta ccccatggat ttaatcttat ctaccccggtg gattcaatct tcttatcaga      300
agggtctttt atgtcaaaaa acctgctgtc aaggcttgaa gagccggcac actcaatggc      360

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aaacacagca	cccgagtctg	ctctgaatcc	tggaggatct	ggccctcctc	tcaacccccca	420
ctcacagtca	ccgtcttaca	actcagggcc	acctgggatc	agtcatcagt	caggggtgcgt	480
aagccttgaa	taccaggtag	cctcaggagt	gaaaagataa	atgtcctaga	tcattacctt	540
attcagtgtc	cccaccttgc	agcgcattcc	aaccacctgg	gagcatttaa	aactccagat	600
gccccacacca	caccctgggg	cccccatcag	accttnttga	agcaagacct	gggcctncat	660
ggncccnaaa	actcctaggg	gatccgatgt	gcagccnaat	cttgaaangg	cccattttaa	720
aaanaaagaa	catgggtggt	acattgggga	gtnttta			757

<210> 3331

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3331

gnnnntttnn	nnnnntttnt	nnanatacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgtctcc	ttgcctttct	cctgaaaggt	atgagactac	ttgccttact	gtcatattat	120
tgaggggaat	cagccgcaaa	gcctgnggaa	aatgaacagt	agctgtgggg	tcaaagccat	180
gtctccaggt	tcacgggctc	actcccccca	ggacaagcct	agttaggtag	tggtgcat	240
ctgggtatcc	ctgggacaga	aatgcagggt	agaaggggta	tcaagaatgc	ctcgagcctc	300
tagaactata	gtgagtcgta	ttacgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgtgatgct	420
attgctttat	ttgtaaccat	tataagctgc	aataaacaag	ttaacaacaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggagggt	tgggagggtt	tttaattcgc	ggcgcggcg	540
ccaatgcatt	gggcccggta	cccagctttt	gttcccttta	gtgagggtta	attgcgcct	600
tggcgtaatc	atgggtcatag	ctgtttcctg	tgtgaaattg	ttatccgctc	acaattccac	660
acaacatacc	agccggggagc	ataaagtgtg	aagcctgggg	tgccaatga	gtgagctact	720
cacattaatt	gcgttgccctc	actgcccttt	ccaan			755

<210> 3332

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3332

caatgctggt	tctngttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgaggggatg	60
acccatgcc	aaaatactat	gagctcttac	tagtcaaccc	tatttggttg	gtcccaccaa	120
caaaggcact	tgcagttaca	ttcaccacat	ttgtaacgga	gccattgaag	catattggaa	180
aaggaactgg	ggaatttatt	aaagcactca	tgaaggaaat	tccagcgctg	cttcatcttc	240
cagtgtgat	aattatggca	ttagccatcc	tgagtttctg	ctatggtgct	ggaaaatcag	300
ttcatgtgct	gagacatata	ggcggctcctg	agagcgaacc	tccccaggca	cttcggccac	360
gggatagaag	acggcaggag	gaaatcgatt	atagacctga	tggtggagca	ggtgatgccg	420
atttccatta	taggggccaa	atgggcccc	ctgagcaagg	cccttatgcc	aaaacgtatg	480
agggtagaag	agagattttg	agagagagag	atgttgactt	gagatttcag	actggcaaca	540
agagccctga	agtgtccgg	gcatttgatg	taccagacgc	agaggcacac	cgaagaaag	600
cagtactgaa	agcagccagt	cggccaagcc	tgtctctggc	caagacacat	caggggaatac	660
agaaggttca	cccgcagcgg	aaaaggccca	gctcaagtct	gaagc		705

<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333

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acgaggctac	ctgggcggcg	acgggctgga	cgtggacgtg	cccacgcgtc	tggagggctg	120
gttcttctgc	acgcccggcc	gcaagctgct	ctggctgggtg	ctgcagccct	tcttctactc	180
actacggccg	ctctgcgtcc	accccaaggc	cgtgaccgcg	atggagggtgc	tcaacacgct	240
ggtgcagctg	gcggccgacc	tggccatctt	tgcccttttg	gggctcaagc	ccgtgggtcta	300
cctgctggcc	agctccttcc	tgggcctggg	cctgcacccc	atctcggggc	acttcgtggc	360
cgagcactac	atgttcctca	agggccacga	gacctactcc	tactatgggg	ctctcaactg	420
gatcaccttc	aatgtgggct	accacgtgga	gcaccacgac	ttccccagca	tcccgggcta	480
caacctgccg	ctgggtgcgga	agatcgcgcc	cgagtactac	gaccacctgc	cgcagcacca	540
ctcctgggtg	aaggtgctct	gggattttgt	gtttgaggac	tccctggggc	cctatgccag	600
ggtgaagcgg	gtgtacaggc	tggcaaaaga	tggtctgtga	gcccaggctg	cctcctgggtg	660
gtggccattg	tcccccatcg	gcccctcacc	ttgcacccca	ncn		703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334

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tgcagcttca	gcatacttgc	agaagttggt	aggaatgcat	actagtgggc	cccgccccc	120
gacatagtga	atcagaaacc	aacagggagg	cgcctagcat	tgttttttta	acaagtgcgtg	180
ggttattctg	atgcacagtc	tagtttaaga	accactactt	tgggtaaacg	ttttgactgt	240
ttaaagttaa	tggcgggtgaa	gtgggcatct	tcaaagacta	gtacttacac	agtttagaag	300
atttcaaggt	actgctgaca	gtagtattat	atgtcagtat	acatacgtgt	agagatcata	360
atttagttcc	cttcttaatg	ttacaatttc	ttagtttact	tttcctaaag	ggccatagca	420
taattcttga	ttcctgggtg	aaatcttttc	tgagggtgtg	gggtgggcaa	ggtgtggatt	480
gctgtttacg	atagtgcctt	cattagtttt	agttctgtct	gttttcattc	attattgact	540
caaaggtatt	agaacaggcc	cttatctttt	tcctattaga	tttatttttg	ttttttactt	600
tatgtaagtt	cagaatcctt	ttttaagtga	tgactactga	tgaaataatg	ttactagtag	660
ctgaatttta	gacttgatgc	tatgttgatt	aatatn			696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)

<223> n = A,T,C or G

<400> 3335

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ccgcncggag	acantctgan	cgtgctngag	cagctgatta	tcaagccccg	ggtgcgccag	120
atccatctgt	ncnacggacn	ngcgcggntt	gaccgagcat	gaggctgcct	gaangangac	180
caggggctnt	ttgtncacan	gngtccaggn	cannaccgct	gnntnccttg	tggtgntgng	240
ctatggngnc	cagntnttgc	acattgacan	acttnactgc	actgggtggg	agctcgcaca	300
ttngccatt	tgtggtagaa	tcaaggcatc	acccgataag	attgncgtgg	tggaaacgtc	360
acagtccgac	canttngact	gtcaccatgc	canntgacag	catnnatact	ttctngcttn	420
tagatcacta	cggggaagat	actctctatn	gtcaanggga	mntatncttc	cgaaactgcc	480
tectnancnn	ccnctanncn	tntgacngat	accgtcanaa	nnatatctgn	ctgaaggncn	540
natatatent	ngcatatncn	nganncgat	ggnancgntn	tanccctnac	cntnatcccn	600
agtgcganct	tactatcnca	tnntnnaann	agtttgnttt	cncttctggg	anancacacc	660
catggacnac	tgcatecnca	gatgccttna	ttcactgnta	nccttggcct	gcactnnngn	720
gctttccctc	cttanc					736

<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3336

nnncaatgct	ggctgctcgt	tctttccgca	gganccanc	gattcgaatt	cggcacgagg	60
aaatgtgtat	ttcagtgaca	atttcgtggg	cttttttagag	gtatattcca	aaatttcctt	120
gtatttttag	gttatgcaac	taataaaaac	taccttacat	taattaatta	cagttttcta	180
cacatggtaa	tacaggatat	gctactgatt	taggaagttt	ttaagttcat	ggtattctct	240
tgattccaac	aaagtttgat	tttctcttgg	attacatttt	ttatttttca	aattggatga	300
taatttcctg	gaaacatttt	ttatgtttta	gtaaacagta	tttttttggt	gtttcaaact	360
gaagtttact	gagagatcca	tcaaattgaa	caatctgttg	taatttataa	ttttggccac	420
ttttttcaga	ttttacatca	ttcttgctga	acttcaactt	gaaattgttt	tttttttctt	480
ttttggatgt	gaaggtgaac	attcctgatt	tttgtctgat	gtgaaaaagc	cttgggtattt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtttg	cattctactc	aggaaaaagc	600
atcttcttgg	atatgtctta	aatgtatttt	tgtcctcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (703)

<223> n = A,T,C or G

<400> 3337

caatggctgg	tnctngttc	tttttgcagg	atcccatcga	ttcgtgtgga	gaaccttctt	60
tttctatggg	aaatcacttc	tggagttggc	aagaatggag	aatggtgtgt	tgggaaacgc	120
cttggaaagg	gtgcatgtgg	aacatcattc	tcaccaccag	tctcttctct	gtgcctttct	180
tcctgacgtg	gagtgtggtg	aactcagtgc	attgggccaa	tggttcgaca	caggctctgc	240

cagccacaac	catcctgctg	cttctgacgg	tttggctgct	gggtgggcttt	cccctcactg	300
tcattggagg	catctttggg	aagaacaacg	ccagcccctt	tgatgcaccc	tgctgcacca	360
agaacatcgc	ccgggagatt	ccaccccagc	cctggtacaa	gtctactgtc	atccacatga	420
ctgttgagg	cttcctgcoct	ttcagtgcca	tctctgtgga	gctgtactac	atctttgcca	480
cagtatgggg	tcgggagcag	tacactttgt	acggcatcct	cttctttgtc	ttcgccatcc	540
tgctgagtg	gggggcttgc	atctccattg	cactcaccta	cttccagttg	tctggggagg	600
attaccgctg	gtggtggcga	tctgtgctga	gtgttggtc	caccggcctc	ttcatcttcc	660
tctactcagt	tttctattat	gcccggcgct	ccaacatgtc	tgg		703

<210> 3338

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3338

ctaagtctgg	cngcttgctt	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttaa	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atccagcac	120
tttgggaggt	cnatgtgttt	ncacnnctnt	tnntnagnan	nantntgtca	tgaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnggnangn	240
tnangccatt	agcntgggtg	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactntttag	tantgangga	gtcntgggtg	tcaanatgga	tntacanatg	360
cctantttacc	cgnmctgnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tncctnaaac	gaacantttg	cctgnacaca	tttctactg	480
gnaccttacn	aatnagggtta	tcccgnatnt	tentgattac	ttttctctg	cnnennngana	540
tngtgcctnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncncctaaac	600
gnnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnattn	nnttnnnntt	cncntttngn	tntcncnct	720
anttcaancn	netcttaant	ttngcnnntc	ctcnnttcnn	t		761

<210> 3339

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3339

nctaagtctg	ggctatcggt	ctttccgcag	nancccntcg	attcgagtgg	ctgagtggag	60
gcgcccagac	ctgggcaggc	agcaggetca	ggcccacacc	ttgtgatttt	tgaaccacaaa	120
gccagaaga	tgatgtttac	ttctctctcc	ctggtctctg	ccttcttact	gcaaacatg	180
ctgtgcctta	gggcccttct	catagctgtt	cctcatggcc	atgactggaa	cagggatgca	240
acctctttct	acacaagcac	agttagttgg	gtgaagtctt	tnntttgttt	gttttagacg	300
gagtttcaact	cttgttgccc	aggctggagt	gaagtggcgt	gaccttggct	cactgcaacc	360
tccaggccag	cctcagcctc	cctagtagct	gggactacag	gcaccacta	ccacgcctgg	420
ctaattcttt	gtatttttag	tagagatggg	gtttgaccgt	gttagccagg	atggctctcga	480
tctcctgacc	tcgtgatcca	cccacctcgg	cctcccaaag	tgctgggatt	ataggtgtga	540
gccaccgcgc	cgggccgggt	gctggcatct	taatgttctg	taggtggaat	atttccaata	600
aacacaaggt	gccgtaattg	aaaaaaaaana	aaaaaaaaaac	ttcgagcctc	tagaactata	660

gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga

706

<210> 3340

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3340

ctaagtctgg	tngctngttc	tttccgcagg	atcccatcga	ttcgaattcg	gcacgaggcg	60
acatcagaag	atcattgagg	aggccccagc	gcctgggtatt	aaatctgaag	taagaaaaaa	120
gctgggagaa	gctgcagtca	gagctgctaa	agctgtaaat	tatgttggag	cagggactgt	180
ggagttttatt	atggactcaa	aacataattt	ctgtttcatg	gagatgaata	caaggctgca	240
agtggaacat	cctgttactg	agatgatcac	aggaaactgac	ttggtggagt	ggcagcttag	300
aattgcagca	ggagagaaga	ttcctttgag	ccaggaagaa	ataactctgc	agggccatgc	360
cttcgaagct	agaatatatg	cagaagatcc	tagcaataac	ttcatgcctg	tggcaggccc	420
attagtgcac	ctctctactc	ctcgagcaga	cccttccacc	aggattgaaa	ctggagtacg	480
gcaaggagac	gaagtttccg	tgcattatga	ccccatgatt	gcgaagctgg	tcgtgtgggc	540
agcagatcgc	caggcggcat	tgacaaaact	gaggtacagc	cttcgtcagt	acaatatgtt	600
tggactgccc	accaacattg	acttcttact	caacctgtct	ggccaccag	agtttgaagc	660
tgggaacgtg	cacactgatt	tcatccctca	acaccacaaa	cagttg		706

<210> 3341

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3341

nnctaagtct	gggctgctng	nnctttntcg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtacgagag	tctgttgaac	aacaggctga	tagtttcaaa	gcaacacgtt	ttaaccttga	120
aactgaatgg	aagaataact	atcctcgctt	gcgggaactt	gaccggaatg	aactatttga	180
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagctctg	agccagggtta	cacccaaaaca	240
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	300
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	360
caagcttaaa	cagtggactg	ataaacaact	tcctaataaa	gcagtagagg	ttgcttggga	420
gaccttacia	gaagaatttt	cccgccttat	gacagaaccg	aaagggaaaag	agcatgatga	480
catatttgat	aaacttaaaag	aggccgttaa	ggaagaaagt	attaaacgac	acaagtggaa	540
tgactttgcg	gaggacagct	tgaggggttat	tcaacacaat	gctttggaag	accgatccat	600
atctgataaa	cagcaatggg	atgcagctat	ttatttttatg	gaagaggctc	tgcaggctcg	660
tctcaaggat	actgaaaatg	caattgaaaa	catggtgggt	ccagactgc		709

<210> 3342

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3342

gtcctanagt	gtggtctcgn	cnnnccgnan	gagntnggcg	ggngcgaatt	cggcacgagc	60
agaacttcac	agcagcctgt	cctcatcagc	aacccaacca	ccttcacag	caacccaacc	120
accttcatca	gcaacccaac	cacctcgta	gcaacccaac	cacctcgta	gcaacccagc	180
caccttcac	agcaacccaa	ccacctcatc	agcaaccag	ccaccttcac	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaacc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcatcttgga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
agggtttgta	atcttcccaa	agttttcctt	tgaaaaatagg	ataatgggtg	gaattttcag	480
agtgattaca	tacctcaaca	tttttattaa	catacaacaa	tgggaaagt	catcatccat	540
atactgcagt	cacttaacaa	acagccaatt	attgcaagat	tagaattgga	gatcttgctc	600
tcaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctattttta	atttaatggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 3343

ctaagtctgg	ctngctcggt	ctntccgcag	tanccctcga	gtcgaattcg	gcacgagact	60
gcctccttcc	acacgagtgc	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agtttttatt	cccggggtac	caagcagctg	cacagtcggt	gcctgggagg	cacgtagagg	240
cccttggtc	aggcagagg	agatggttag	actcttgca	ggctaaaact	ctaatttgga	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcctta	360
agctgcatca	tcatatcgcc	ctgtgtggtc	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcgaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcaga	aaagccctgt	gttccggagg	540
gacggcgag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3344

gtnnctaata	ctgggctctc	gtncctttctc	gcagtanccc	ntcgattcga	attcggcacg	60
aggagacagc	agccccagag	gaatgaagct	gatgccagag	tcagaccgga	ggaggaagag	120
gagccactga	tggagatgcg	gctccgggat	gcgcctcagc	acttctatgc	agcactgctg	180

cagctggggcc	tcaagtacct	ctttatcctt	ggatttcaga	ttctggcctg	tgccttggca	240
gcctccatcc	ttcgaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcataattt	300
gaggctgtgg	gcttcattgt	gagcagcgtg	ggactttctcc	tgggcatagc	tttgggtgatg	360
agagtggatg	gtgctgtgag	ctcctgggtc	aggcagctat	ttctggccca	gcagaggtag	420
cctagtctgt	gattactggc	acttggctac	agagagtgtc	ggagaacagt	gtagcctggc	480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc	540
cagggggccgc	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg	600
atccctaact	cctgatttgg	atgcatctga	gggacaagg	gggcggtctc	cgaagtggaa	660
taaaataggc	cgggcgtggt	gactttgcac	ctataatccc	agcactttgg	gan	713

<210> 3345

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3345

ctaagtctgg	gctgcttgtt	ctttttgcag	gatcccatcg	attcggaaaa	gttaaaaaag	60
acattgagtg	atgtaatcca	ccctgggggc	aatagccata	ttgccaatgg	tgcgccgggg	120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaaagtgt	caagcagagg	180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa	240
aatgaagggg	ccggggcctt	ttaccgcagc	tacaccaccc	agctgaccat	gaacgttcct	300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcactttaa	ccccagaga	360
cgggtacaacc	caagctccca	cgctctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaaccc	cactggacgt	ttgcaaaaca	ctgctcaaca	cccaggagtc	cttggctttg	480
aactcacaca	ttacaggaca	tatcacaggc	atggctagtgt	ccttcaggac	ggtatatcaa	540
gtaggtgggg	tgaccgccta	ttcccgaggg	gtgcaggcca	gagtaattta	ccagatcccc	600
tccacagcca	tgcgatggtc	tgtgtatgag	ttcttcaaat	acctaatacac	taaaaggcaa	660
gaagagtggg	gggctggcaa	gtgaagtagc	actgaacgaa	gccagggggtt		710

<210> 3346

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 3346

gtncataatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gcctttttgtg	gggtctcata	cataactcag	ttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtc	ggggttcctt	tgctgaccag	gggtgtgtgt	ttgtccaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaa	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	aggggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tattttttgat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttataa	600
agtgggcca	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaaataagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggctcacgc	ccgtaatccc	gc	712

<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

nctaagtctg	ggcnccttggt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaaggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttattttt	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcctttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaagtctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggcctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

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ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tcenaggnan	agnngnangn	240
tnangccatt	agentggtn	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactntttag	tantgangga	gtcntggtn	tcaanatgga	tntacanatg	360
cctanttacc	cgnnctngnc	taacnagant	ntgcccacc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tnccnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnaggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnnnngana	540
tngtgcctnt	caccctactc	ctntatcct	ccattnacct	nttaggcat	ncnccaaac	600
gmnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnaenttnc	tcttcnnttc	cnngnatttn	nttnnnntt	cncnttngn	tntcnccnct	720
anttcaanen	netcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3349

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atcctaagtt	ccactataaa	caggctcatg	actcgggcac	agacacttct	tgcgtgactt	120
tttcctatga	tggtaatgtc	cttgccctctc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtacatc	tattcaaaga	300
ggatgtggca	gcggcaaaact	tgttttcttt	gagcgtagga	ctttccaaag	ggtgtatgaa	360
atagacatca	cagatgcgag	tgttgntcgc	tgctgtggc	atccaaagct	gaaccanac	420
atggttggaa	ctggaaatgg	attggctaaa	gtctattacg	acccacaaag	agtcagaggg	480
gagcaaaatt	atgtgtggtt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaactc	540
aggactacat	catcacccct	catgccttgc	ctatgttncg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaa	gacagactgg	atcccttgaa	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gcccaggctg	tgggtggcga	ntttggaacc	cacnggggca	cttttttttt	720
ctatattggg	aanaacattg	ttttggacaa	aancgatgac	agtaattctt	cggaagcn	779

<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

atgcggncaa	tgctggctac	tcgttctttc	cgcaggancc	cntcgattcg	ctcacctgga	60
ataatgagat	cttacctaac	tgggaaacaa	tgtggtgctc	tagaaaagtt	cgagatttat	120
ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaatat	cacccacgag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcctcttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctgggttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaattctc	360
gcattttcca	gcaaggtggg	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttgttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaacctc	540
gtcaaattgg	gtttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgctcctc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3351

annnnngnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagance	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctaccacg	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360

ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3352

annnnnggnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtgga	120
anatannngt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccttgctgac	cgagaacgac	cgcactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgg	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3353

ttacatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	agaagatga	tgctttgtgg	cctccccctga	taggggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360

ttgatgtaaa	tcagtcaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggtt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggtt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3354

ttacatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacia	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacia	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctcccctga	taggggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggtt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggtt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (686)

<223> n = A,T,C or G

<400> 3355

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggtcg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgntttggn	ataantctgn	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggtg	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnagggg	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccctna	tcccanggtt	tcatttgtgg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntatttttna	600

aagaaccttt ttnggttga nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttgggtg gggngg 686

<210> 3356

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3356

nnttnnnttt	taaagacttn	canctctttt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgggg	ggagcaaata	atangccctt	gtgtgtgttt	ttggcagana	agccatgaag	120
acaagcagat	gctaataaaa	gaatctgcat	ctttgnttgt	tattccatgt	taaagggntg	180
aaataaaggt	aanagaatat	ttgtactgtt	gttatccaaa	tccatctcct	gttctactct	240
ctattcaaaa	taatcgta	gtgactaaca	gagctttcag	accaacagta	tttttatttt	300
tcattttaag	ttcaggggtac	caacattttct	ttccatggat	gttgatggac	gtgtcatcag	360
agctgactct	ttttcaaaaa	tcattttcctc	tgggttgaga	ataggatttt	taactgggtcc	420
aaaaccctta	atagagagag	ttatttttaca	catacaagtt	tcaacattgc	accccagcac	480
ttttaaccag	ctcatgatata	cacagcttct	acacgaatgg	ggagaanaag	gtttcatggc	540
tcagttagac	agggttattg	atttctatag	taaccagaa	ggatgcaata	ctggcagctg	600
cagacaagtg	gntaactggg	ttggcagaat	ggcatgtcct	gctgctggaa	tgtttttatg	660
gattaaagtt	aaaggcttaa	tgatgtaaaa	agaactgatt	gaagaaaagg	ccgttaaaat	720
gggggtatta	aagctcctgg	aaatgtttct	cgtcgatagc	tcacttctan	cccttacttg	780
agagcttctt						790

<210> 3357

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 3357

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acngtggctg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgntttggn	ataanctgtn	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtnccaggtg	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agacctgtt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcattgattg	420
nttcacncca	tgancctna	tcccanggtt	tcatttgtgg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctgtt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntattttna	600
aagaaccttt	ttnggttga	nnaaaaacat	aatttgagcn	ttcnncctttt	nagaattccc	660
ctaacatctc	aggttgggtg	gggngg				686

<210> 3358

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (705)

<223> n = A,T,C or G

<400> 3358

tatncataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagaaga	60
gaagctgaga	cttctgcttc	cacacccctt	gcaagtgcct	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccacccggac	240
cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggtct	420
aagcgcccag	aaacccctac	tcatgatccg	gaccttgaga	ctcccctaaa	ggccagaaag	480
gtgcgcttct	ccgagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gccggccang	540
ccgcgcang	gccctgggag	cagcttgctg	gatcgcagcc	gttccacgcg	ataccaagc	600
ccagagactg	accctgctac	ctntgccggc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3359

tnnnnnnnttt	atnttttnata	caanctcttg	ttctttttgc	aggatcccat	cgattcgttt	60
ggattgattc	agggagaaat	ttgcactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggaccaa	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtaaccccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tcctgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataccg	ttggccggag	gcttcgggac	tccttggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcacccagtc	cttgcggaca	gtgccaacaa	540
gtttgaggag	aacacctact	gcttcggccg	gaccctgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcatgganga	acaacttggc	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggccgtgc	ttgtccgcng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggntt	ttntttgggn	ccaacaaccn	780
ttntggggtn	gggaaacctt	aactttgcaa	gaaaattttt	ttnaancctt	ntttt	835

<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3360

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccttangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccaggga	ccaattgttc	ttgcaaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3361

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3361

tnnnnnnttt	aaatccatta	gctacttggt	ctttttgcag	gatcccatcg	attcgtgcgg	60
gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccttangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccaggga	ccaattgttc	ttgcaaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3362

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3362

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gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccttangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300

nccctccgnt	tgactccgcc	agtgtctgcag	nccctactct	ttcanagttg	ggagccctgg	360
gacccaggca	ccaattgttc	ttgcaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacaccca	aggccggcgg	taccagecag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgcacccgan	gangaagang	540
gaaggacaaa	tggacngtga	acggccttcg	cccgcgggaa	agcttctggg	agccccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3363

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3363

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tgcgaggttt	tgggcttttg	ctcctgatat	gcagcgacag	aattttcggc	ccccaaactcc	120
tccttaccct	ggtccgggtg	gaggaggttg	gggtagcggg	agcagcttcc	ggggaacccc	180
gggcgggggc	ggaccacggc	cgccctcccc	tcgagacggg	tacgggagtc	cgcaccacac	240
gccgcggtac	gggccccggt	ctaggccgta	cgggagcagt	cactctccgc	gacacggcgg	300
cagcttcccg	gggggcccgt	tcgggtctcc	gtcccctggc	ggctaccctg	gtcctacttc	360
caggtccccc	gcgggggtccc	agcagcaatt	cggctactcc	ccaaggcagg	annanaanca	420
ncncanggt	tntncaagga	catntacacc	atttgatca	nggcgtntta	naaaaaaaaaan	480
aatgttaatg	anttggaaaa	ntatttnaaa	gcctttnaat	gnttnnnnna	atccttnggg	540
nttggcctta	naaanccaan	attntngtng	gngggntntt	aannccnnnc	aantncnnnn	600
nnattncntt	naaaacnttt	nnccanggn	cnnaaaaaaa	nggggnaann	aaaaaacttt	660
tttnnttnaa	nnantttttt	tggaaaattt	naaancntng	gaaaancntt	tnnntngttn	720
ntnangggaa	annantnttt	tgggnncnaa	aaaacntttt	naannntnn	nggttnnnan	780
nnnttaaaaa	ntttnnnccc	ccaannnnnt	nnanngnanc	ttttnnantt	ngggantaaa	840
ntttnnnnna	nggggnnttt	tttnngnnna	atttnnnnnn	annnnnnnan	nnangggnt	900
ttngnnngna	annntnn					917

<210> 3364

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3364

ttaatatata	tacanctact	tgttcttttt	gcaggatccc	atcgattcga	attcggtacg	60
agatcagagg	aggcttcttc	atccttcaac	tccatgatga	actcctatat	gaagtggcag	120
aagaagatgt	tggtcaggta	gctcagattg	tcaagaatga	aatggaaagt	gctgtaaaac	180
tgtctgtgaa	attgaaagtg	aaagtgaaaa	taggcgccag	ctggggagag	ctaaaggact	240
ttgatgtgta	actgtgctgt	tgatgaagtc	ctcccaggga	agcctgtgca	gatgcagtca	300
cctggaaaaga	acagagatta	ccctttcacc	tacctcagca	aaacaaactt	tcaagtcttg	360
atagacttag	cctagtaatt	ttatagttag	agtttcaaac	tatatatcag	tgtctatagc	420
atcaaaaaact	tctggggggc	tgggggaagt	agaataccaa	gtataatagt	tacattcact	480

ttcaaagagc	atctatgaat	ttgccttttg	tacttactgt	ggcttttaaac	atattcagaa	540
cagatgcttg	aaatatgcac	ttagcacttt	ggttncacat	ctgtctgggt	aaaccatgaa	600
gaaaatgaac	tgctgcctca	atcgacccag	acagcaccat	aggcagataa	agaattggnt	660
tcaccctggg	ggtaggtagg	atcgcggtg	actttttttt	ctctatatca	attttcagta	720
cgggaatagt	attttaaaat	agattggctn	ataaattatg	aatctttaag	tagtagan	778

<210> 3365

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3365

gtnnnnngtt	tgannnccat	cnttttatat	ncatttttct	actngttctt	tttgacagga	60
tccctcgatt	cgaattcggc	acgaggggag	aaaaagatga	ccgaaattca	aactcctgaa	120
aatactcctc	gtttatttga	tttagtaaaa	gtnaaagatg	agaaaattcg	ccaagctttt	180
tatttttgctt	tacgagatac	cttagtagct	gacaacttgg	atcaagccac	aagagtagca	240
tatcaaaaag	atagaagatg	gagagtggta	actttacagg	gacaaatcat	agaacagtca	300
ggacaatgac	tggtgggtga	agcaaagtaa	tgaaaggaag	aatgggttcc	tcacttggtt	360
ttgaaatctc	tgaagaagag	gtaaacaaaa	tggaatcaca	gttgcaaaac	gactctaaaa	420
aagcaatgca	aatccaagaa	cagaaagtac	aacttgaaga	aagagtagtt	aagttacggc	480
atagtgaacg	agaaatgagg	aacacactta	gaaaaattta	ctgcaagcat	ccagcgttta	540
atanagcang	agaaatattt	gaatgtccaa	gttaagggaac	ttgaagctaa	tgtacttgct	600
acagcccctg	acaaaaaaag	cagaaattgc	tagaagaaac	gttggtgctt	aaacaaatat	660
gatgctgtgg	ctgagaagct	gtaaagtaaa	actgagttaa	ccttcccata	catcgtgaat	720
atatctactc	aggcacagca	cttgtaataa	tacataatat	gnttg		765

<210> 3366

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3366

ncttnaagcc	cttttaaaac	cgttcgaccc	atcgatccna	ntcaggancc	aancnanatc	60
naatctgnac	gaaggaaccc	cccncttga	gcnnaaactn	nncncttnct	ggggcaanag	120
ggtaggactg	gnnnnangng	nanagagaga	acgcanggcc	annaaggana	gaaaaccntt	180
cagcanctca	atnaactgag	ggccaagana	tctacccgtc	tcccttctcn	cacaagnacc	240
attggccttn	nnatcngaag	catttgacaa	aaacttgctt	gtttgggect	gtcacctcct	300
gaaaggctgn	tttagntgtg	gatgncctng	attaaggag	agagcaccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggtg	gggtctatgt	gcaagcccta	tatcctagcn	420
tgcagnggaa	agtgttagc	tntgtncctg	ctgacctctg	ggcagncant	catcaaanca	480
nanagacgtg	gcngcntgtg	ggcagcatgc	ccaantncct	tgcttgactn	agcactnatt	540
tctggtagnn	tnaaaaaaga	attnaangtt	tnttggggnn	nttttttttg	ggggngttga	600
gggggtggg	aaaaacatgg	ggggtagnnt	ttgagttgtt	anaaaatgtg	tntgaatcaa	660
nnntntntnt	nnaaacacga	tttgcccttt	tacccattat	aaagatgggn	cttatnacct	720
acngnactgg	ataaaccttt	ngggtttttt	ttggtntgga	nttgggtcct	tnaaaaaatt	780
tacccaattc	atgccctnng	ggnctccn				807

<210> 3367
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

<400> 3367

gnnnnnttttn nnnntntaaa cccttnagct actcgttctt tttgcaggat cccatcgatt	60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctacccct	120
tccctgttct gcctctttta ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc	180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga	240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat	300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt	360
tgtcatgtgg tgagtcaa at aagaccattt tgattgtaaa ccataaaata gttcagcaag	420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg	480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca	540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat	600
acagattttt tggttacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat	660
aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt	720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca	780
aaggn	785

<210> 3368
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

<400> 3368

gnnnnnttttn nnnntntaaa cccttnagct actcgttctt tttgcaggat cccatcgatt	60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctacccct	120
tccctgttct gcctctttta ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc	180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga	240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat	300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt	360
tgtcatgtgg tgagtcaa at aagaccattt tgattgtaaa ccataaaata gttcagcaag	420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg	480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca	540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat	600
acagattttt tggttacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat	660
aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt	720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca	780
aaggn	785

<210> 3369
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3369

aatttttttn	nncnaattt	ttcccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccggnaa	120
aaatttttcc	cggggcccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gccccaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccagg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaagg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgctgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttactttggt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atattttaaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3370
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3370

aatttttttn	nncnaattt	ttcccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccggnaa	120
aaatttttcc	cggggcccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gccccaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccagg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaagg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgctgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttactttggt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atattttaaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3371
 <211> 924
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3371

annnnnggnnn	nnnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagance	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctatct	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cggggcnctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttggggag	aggaaaaaaa	aaccaagtgt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaa	tacnaaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3372

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3372

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgatcc	gaattcggca	cgagattcca	60
aaggctncaa	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctntttaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaaact	gactntttta	180
gacaaagttn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccacgt	ggtggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnccagc	tcatggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncactca	480
tntggtgcaa	agtgccccng	gcaccaacng	ngncnnggtn	ctcanccaca	acctngctnc	540
ctctgagatn	cacnnccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatecnat	atgnccatac	tttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnngtggttn	tctngctaata	ttcccaccag	ntgggnntann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780
ttggaagcn						789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (869)
 <223> n = A,T,C or G

<400> 3373

atttcaaaaa	ctcttgcctt	nttaaanacc	tnncgntact	cgatcntnca	cgaggaanga	60
ggacctaggg	acacacatat	ggtggccaca	cccaggaggg	tagtggngag	ttagatttna	120
gagtccaggc	cctaggttgg	gaccactcc	aaataatctc	ctcgggtgtg	gtgggtggtt	180
tatanangga	taaataaata	ataaacattt	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	ccccggtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	anccngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tggccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgtttgg	420
aaaaannect	tttnttttcc	tcttttaaa	agaaaacatt	ganaaaagatt	ttttttttta	480
atgggcccgc	ccnaaaagg	agatctnccc	ncccttgat	atnatantnn	tgacctncc	540
tacnaagang	gcgtttttgg	caaaatnatt	ntttntttt	tcncgnggtg	gtgggggaaa	600
aatttttcc	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaa	ttggaatttt	tnnnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaa	anttttttnc	cccccttgg	ngccttttan	tttccccac	aaactttttt	840
tttttccctt	ccaaccnctt	ttattcttt				869

<210> 3374
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1128)
 <223> n = A,T,C or G

<400> 3374

gnngggggnn	nnnnnnnggg	gnngggggnn	ggcgnnnggn	ncgncgggnn	ancnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cggttttttt	ggccaaaatn	ttggggccnaa	naaaccagg	120
gcccttacct	nggggncccc	cttttntttt	tggggcccang	gggnnagccc	nccncggncc	180
cggnnanggg	ggccnggggg	gnagggcccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagnngaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantngnccn	ggggggnggg	aggggacacg	ggggaggagg	ncttngggng	420
ggngagcgca	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnngggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngnccccg	ngctaggncg	ancntggggg	agggagcnnng	ccngaacagc	nggggggnnc	600
tggnggagaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggngg	gctgggacan	gnnggggacc	cnagngnaaa	nncgtgnggc	720
aagngggacg	tnnggggngn	nngctggata	agggncgcaa	ggtaccnagn	cgggnncagg	780
gnngnactgg	nangcaggga	gagccgagga	cggnnagngc	gnngntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcggnnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcnggggnn	aggcgannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntggggcn	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375
 <211> 1128
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3375

gnngggggnnn	nnnnnnnnggg	gnnggggggnnn	ggcgnnnnggn	ncgncgggnnn	ancnnnnnnnn	60
nnnnnnngggg	ggnnnnccccc	cggtttttttt	ggccaaaatn	ttggggccnaa	naaacccagg	120
gcccttacct	nggggncccc	cttttntttt	tgggcccang	gggnnagccc	nccncgnncc	180
cgggnganggg	ggccnggggg	gnaggggcccc	gcngcnaang	ccgnaggggg	gggggggcncg	240
cgggccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntgggggcnnng	gggnnanana	nccaagnngg	agggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncn	ggggggngggg	aggggcacag	ggggaggagg	ncttngggng	420
ggnggagcga	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnggggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngnccccng	ngctaggncc	ancntggggg	agggagcnnng	ccngaacagc	ngggggggnnc	600
tggnggagaa	cnggagcng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggng	gctgggacan	gnnggggacc	cnagnnaaaa	nnctgtngggc	720
aagngggacg	tnnggggngn	nngctggata	agggncgcaa	ggtaccnagn	cggggnncagg	780
gngncaactgg	nangcaggga	gagccgagga	cggnnagnngc	gnggntgagg	gnacgncng	840
gangacgtgc	caggnaaccc	nggggncng	ggcgggnaaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcnggggnnn	agggcannng	gtnaaggngg	nggngngggg	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccc	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnnngcg	gcgagccg		1128

<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3376

aantacatca	gctnttntct	ttttgcagga	tcccatcgat	tcgagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atTTTTTTca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagtg	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tcgaaatgag	attattttgg	tacacctttc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagtg	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtttttc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttattttc	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tggtgtcatt	gatataaacc	tggttggttc	agcaaacaaa	ctaaaatgat	600
tgtcataaga	caggggtttt	atTTTTcctg	gtggngtng	ctgatttgng	gagcatgcct	660
ttaagaatga	aaaaagcctg	gaatggataa	ccttccctta	aaaaaggngc	cggcattcca	720
attcaaaata	ttttcgtcct	ggatttnaaa	gctggttggg	gtaatgctaa	ttaaaaattc	780
cttcagttaa	ttt					793

<210> 3377

<211> 828

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3377

tcccttttng	aaagctttaa	acctttttta	aacntttcag	ctcgggnccc	attgcngann	60
cnatctantc	nnngecggcn	cgcncngnn	gtntnncatt	nataaanngc	ttgaanatna	120
tgatgtngcc	ntctagnnac	nnagatttga	ntccgnttan	ngaagtgtga	aatntgcnc	180
ggaagaaatg	ttnnctttna	tgatagctcg	tgatgggaaa	aaagngcact	gnatttatta	240
cacaaactta	cnaatgcttn	acttctttac	acaacatnng	tnaantnata	tttgggntat	300
tgcattctat	naacaatttg	tgatgnntt	aanatgggtg	tnatnactnt	gntnnncgnc	360
annntgtttt	taacnnatan	tgccctaaa	atatgggtgt	gcttatataa	tcgcttactt	420
ctggcnactgn	aacngnnnta	cngaggacag	ntgggntttt	aaccctcttn	ttgnacgttt	480
gccngaccta	cntggcnctn	tatggattct	aaaagtactt	caatgnnctt	annaagaaac	540
atatccttgn	ggngtattta	gatgcttttt	gattataccc	acacaatncc	tgaggggaca	600
ttttggggcn	tngaataata	aacanttnna	tntccactta	ncatctgccc	cccngnggta	660
agttactatt	ngtttngcng	gtacaactaa	atnntctttt	ccantntttt	aattgggaaa	720
taggggcgaa	tnnctangnc	tttantggnt	ggtntctggc	ctcaatggac	natnnaacaa	780
ttgnnaaana	caaanttgta	aatcccggaa	ttcctnataa	aaaaaant		828

<210> 3378
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3378

nnnnnnnnnt	nnttttnata	tacatncagc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgctgacaac	ttgattgggt	tctccttcag	gtttgaagcg	ccctcgagaa	gtgtctaaag	120
gagacagttg	atagccaaac	aacagttttg	gattcactga	ctgattatga	aagaagcagt	180
agactgggat	caagaatcag	tcagcaagga	ggccctcacc	agacgccagt	gccatgttct	240
tggaacttct	agcctccata	ttcatgaact	aagttttttg	aatccttagg	cttcnngtgt	300
ggaaagcctg	agctaacct	ctggaggatg	agccatcacc	tgagcagat	tcaggccatc	360
ctagttgaag	cctccctagg	ccaagcaacc	gtccaactac	cagacattga	ccattcagcc	420
ttgaacattc	agcacaaga	caaaacagac	cagaccagaa	gagtcccaca	gaatagggga	480
aactattcag	agaaaactta	agccactaag	ttttatgggt	ttttgttctg	tagcagaagc	540
ataggcatac	tgacaataca	aaccgaaatc	cttctaacgt	agtggacctt	ttcaggccac	600
attttttnt	tgaaaacctg	gagcatgtat	catcttatag	cagagatcac	tttcacaatg	660
tttgggctct	tgatttgaat	tgatgatgta	atgagccctc	tatncagatg	nnactaatta	720
ctctgcgaat	tgactgggat	tcacaccctt	ctaataat	acttttcttc	ttttatcaac	780
tctcattctc	gct					793

<210> 3379
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (686)
 <223> n = A,T,C or G

<400> 3379

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggetg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgtgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgnnttggn	ataancctgn	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggtg	ctagttaggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnagggg	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccttna	tcccanggtt	tcatttggtg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntattttna	600
aagaaccttt	ttnggttgga	nnaaaaacat	aatttgagcn	ttcnnccttt	nagaattccc	660
ctaacatctc	aggttgggtg	gggnngg				686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3380

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aaggttncaa	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaaact	gacttnttta	180
gacaaagttn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccaact	ggtggtcatt	gctggccnta	ntnanttggn	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcatgggtng	tgaatgttat	acaaattgcc	420
actcagatat	atthtttgng	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncactca	480
tntggtgcaa	agtgccccng	gcaccaacng	ngncnnggtg	ctcanccaca	accntgctnc	540
ctctgagatn	cacnncccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatccnat	atgnccatac	tttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gngtggtttn	tctngcta	ttcccaccag	ntggnttann	720
nttaattccn	ctcagggganc	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780
ttggaagcn						789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (784)
 <223> n = A,T,C or G

<400> 3381

naacacttng	ctacnngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggag	60
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atctctggga tgtcagtga gctgggtgaa gaccagaggt aaactgcaga ggtcaccacc 120
cccaccatgt cccagggtgat gtccagccca ctgctggcag gaggccatgc tgtcagcttg 180
gcgccttgtg atgagccag gaggaccctg caccagcac ccagccccag cctgccaccc 240
cagtgttctt actacaccac ggaaggctgg ggagcccagg ccctgatggc ccccggtgcc 300
tgcattggggc cccctggcgg actccagcaa gcccacagg tggaggccaa agccacctgc 360
ttcctgcccgt cccctgggtga gaaggccttg gggaccccag aggaccttga ctectacatt 420
gactttctac tggagagcct caatcagatg atcctggaac tggacccac ctccagctg 480
cttccccag ggactggggg ctcccaggct gagctggccc agagcaccat gtcaatgaga 540
aagaaggagg aatctgaagc cttgggtaag gatttggggc acagtaccag gaggggggct 600
tgggtgccaga cctcatgagg aagaaggatt ttcttatgta cagagaaggg gaccctgtc 660
ctgttgggan gtgctgtgca aacctaacca aagttactaa cccctctggt ttctgnggtt 720
acacaaangg ggataaatac aaagctttnc ctnaactagc caattctatt tgggtttcct 780
gagt 784

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<210> 3382

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3382

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aaccaccagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagtgaa 60
agttcaaaca gaaattgcat tgttattaca gagaaagcaa gaactagttg cagaactgga 120
ccaggatgaa aaggaccagc aaaatacatc tcgcctggta caggacata aaaagctttt 180
agatgaaaac aaaagccttt ctacttacta ccagcaatgc aaaaaacaac tagagggtcat 240
cagaagtcag cagcagaaac gacaaggcac ttcatgattc tctgggaccg ttacattttg 300
aaatatgcaa agaaagactt tttttaagga aaggaaaacc ttataatgac gattcatgag 360
tgtagcttt ttggcgtgtt ctgaatgcc aactgcctata tttgctgcat ttttttcatt 420
gtttattttc cttttctcat ggtggacata caattttact gtttcattgc ataacatggt 480
agcatctgtg acttgaatga gcagcacttt gcaacttcaa aacagatgca gtgaactgtg 540
gctgtatatg catgctcatt gtgtgaaggc tagcctaaca gaacaggagg tatcaaacta 600
gctgctatgt gcaaacagcg tccatttttt catattagag gtggaacctc aagaatgact 660
ttattcttgn atctcatctc aaaatatata taattttttt nccaaaaaga tgggtatatac 720
caagttaaag acaggggtatt ataaatttag agtgattgnt ggatattacc ggaaa 775

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<210> 3383

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1044)

<223> n = A,T,C or G

<400> 3383

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naacgcnnngc tacttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagcccc 60
ggctcgtgtag cgggtggtata ctacggtcaa tgctctgaaa tctgtggagc aaaccacagt 120
ttcatgccca tcgtcctaga attaattccc ctaaaaatct ttgaaatagg gcccgtatgt 180
accctatagc acccctctc gagccaatan annaantnat nntnnnaanc ncnnnancnt 240
ananaanctc nancctttan aactntnnng agtcntnntn annnnnatnc anacatgntc 300
ncatacatcn cttatttttg ncnnnccnnn cctnnanngc ncnnnnanan angcnntntt 360

```



```

ntcaaattnn nnnncnnnecg nnnnnnnntc nnnccatnnc nnnncnnttc tacnnatnnc      420
nnnntnctac nnnntccnntn cnttnnaann tntccncncc ntncngnnnn nctnnnnnt      480
tnnntnnnnn nnnnnnnncnn ntctnnncc cnnnnentec nnnnnnnnec nnnntcnnnc      540
tncnnnnnnnc ncnntcnntn tnnccnnnnc nnttnntnnn nnnntnccnc nnnntnnnnnt      600
nnnnnnnnnn ncntnccnnn nnnnnnnncn nnnnnnnnnn tnnnnnnnnn nntnnnnncn      660
nnncnccnnn nnnnnnnnnn nntnnnnncn nnnntnccnn tnnnnnnnnn nncntnnnnn      720
nnctnannnc nnnnnnctnt nnnnnnnncn nnnnctnnnn cnntcnctct cnncccnntn      780
tatcncnna nnnnnnttncn nnnnnnnannn nnnnctnnnn ntccnnnnnn cnnnnnnnnn      840
nntnnnnnnn cnntnccnnn tnnccnnnnn nnnccnnnnn nntctnnnnn nnnncnccct      900
nnnnntnctn nnnccnnncn nnnnnnnntn tctcnctnnn cnctnnnnnn cntnccnctac      960
ncnctnnccn cnanccnnnn tncatnnctn nntcnctnt tacctttaen nccnccncc      1020
cttnccnatn acncaatncc ncct                                1044

```

<210> 3384

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3384

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tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gtttccttat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360
cagcctgacc aacatggcaa accccgcgt ccaactaaaa tagaaaaaaa tagctgggca      420
tggtgggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa      480
cttggaaggt ggaggttgca gtgagctgag atcgaccac tgcaactccat cctgggcgac      540
agagcaagac tgtctcaaaa taaataaata aataaataaa taaagttaaa aaanaaaaaa      600
aaaaactcga gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga      660
tacattgatg agttcggaca aaccacaaac tagaatgcan tgaaaaaaa tgctntatatt      720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt      780
aaa                                                    783

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<210> 3385

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3385

```

tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gtttccttat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360

```

cagcctgacc	aacatggcaa	acccccgcgt	ccactaaaaa	tagaaaaaaa	tagctgggca	420
tgggtggtgca	cccctgtagt	ctcagctact	tgggagacag	aagcaggaga	attgggttgaa	480
cttggaaggt	ggaggttgca	gtgagctgag	atcgaccac	tgcactccat	cctgggcgac	540
agagcaagac	tgtctcaaaa	taaataaata	aataaataaa	taaagttaaa	aaanaaaaaa	600
aaaaactcga	gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	660
tacattgatg	agttcggaca	aaccacaaac	tagaatgcan	tgaaaaaaa	tgctntatatt	720
gtgaaatttg	tgatgctatn	gcttttattt	gtaaccatta	taagctgcaa	ttaaccagtt	780
aaa						783

<210> 3386

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3386

caacgctngc	tacnngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcaaa	60
gaggtagaca	gtgaagacag	tgtcctcctg	tttggtattg	catggacgat	cacggaaatc	120
atccgttact	cctttttatac	attcagtcta	ttaaaccatc	tgccttacct	catcaaattg	180
gccaggtaga	cacttttcat	tgtgctgtac	ccaatgggag	tgtcaggaga	actgctcaca	240
atatatgcag	ctctgccctt	tgtcagacaa	gctggcctat	attccatcag	tttaccacaac	300
aaatacaatt	tctcttttga	ctactatgca	ttcctgattc	taataatgat	ctcctacatt	360
ccaatttttc	cccagttata	cttcacatg	atacaccaga	gaagaaagat	cctttctcat	420
actgaagaac	acaagaaatt	tgaatagtcc	ctgctttctg	cacctccac	caaaacaaac	480
ttttcaatga	tcaaaaaatg	ctgcagattt	tttgagttcc	caatacgttt	catagaaaat	540
aagtaagaac	tattttttaa	atattcaaac	aaaactaaaa	caaaaatcca	gtgtcacatg	600
ggcctgagat	tttatttttag	aaaaagggtg	ttacataaaa	cacctgggcc	agttcatttc	660
agcatgctct	ttcaaccaga	agttcttaac	atztatgatg	gcactagaaa	gggatttggc	720
atztatgtgc	cttctgtgtc	cttcattgtat	ctgatcaatg	aagacctgta	ccactaan	778

<210> 3387

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3387

catanagntc	ttgccttttt	gnaggacnct	cgattcgaat	tcggcacgag	ccccatctt	60
cactgggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	tagaggaagt	120
agatttagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	ttttgcagtg	180
ataaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	tgcttaagac	240
cattgaatta	cacactttac	gttggtgaat	tgtatggatg	taaattatag	ttcaataaca	300
tagttacaaa	agataatcaa	aagcatgaaa	gcactgttga	tgtggnttgg	atctgtgtcc	360
tcaccgagtc	tnatgttgaa	atgtaagccc	cctgggtggga	ggcgtatggga	ttatggggca	420
gantcctcac	aaacgggtta	gccacccgc	tcaggctgtt	ctcctgatat	tgagtcctca	480
tcacatctgg	ttgcttcaaa	gtgtgtggng	ccttccctct	atctcctact	gctctggcca	540
tataaangt	gcctgcttct	ccttcgcctt	ntacatgatt	gtaaagtctc	ctgagcctcc	600
tagaacnaaa	gctgtctgnc	tttctgtcca	tctacangan	cgtgagccca	attaaacctc	660

tttttttttt tttnngaggnn ntttntntnc nntccnnnca ntttnanann cctnngnanng 720
gttttnnaaaa anaananngn naannnnnnnn nccccccngc cctttttaaaa taaaaa 776

<210> 3388

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3388

tatacataca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
gccatcttgc	tatgtttccc	aggctgggtt	tgaactccca	gcctcaagca	atcctccctt	120
tccgcctcag	cctcccaagt	ggctgggggt	atgggcctga	gccactacac	agctaagagt	180
gtcttgatg	tgctaagtga	atggctgggt	tctgagagcc	cctagagagc	ttcaagatgg	240
gggctagtct	ttagaaagtc	caagcaatgg	ctaggtagtg	tggccactgc	ctgtaatccc	300
aggagtttgg	gaggccaagg	tggacagatc	acctaggagt	ttgagaccag	cctggccaac	360
atggcgaaac	actgtctcta	ctaaaaagac	aaaaattagc	aagacaaaaa	ttagctgggc	420
ttgggtggtga	gttcctgtag	tcccagctac	ttgggagggt	gaggcaggag	aatcacttga	480
acctgggagg	cagaggtttc	agtgaagctga	gatcatgcc	ctgcacacca	gccgcctggg	540
tgacagagca	agactccatc	taaaaaacaa	aaaaagtc	gattagaggg	ttggaacttt	600
cagcctttcg	gcctctgctt	cttgtcccca	cctntgggca	naaggggaagg	gctagagatt	660
gaattatncc	aatggccaat	gatttattta	atcaatatga	aaccttcata	aaatccccta	720
agtgataaag	ttcanagagc	tttcaagttg	gtaaagcttt	tctangtgct	tgggaagggn	780

<210> 3389

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3389

gnncnntnt	atacatcagc	tcttgtcttt	gcgggtccctc	gttcgattcg	gcacgagtaa	60
gaatccccac	ccccatcaat	tttcaggaat	gggatgggtct	agtaaggata	acctttgtta	120
ggaaaaaaca	gacactctct	gctgcattta	aatcaagtgc	agtgaacaa	ctcttggaaa	180
aaaactacag	aattcactgt	tcagtccata	atattataat	accagaagat	ttcagcatag	240
cagataaaat	acagcaaatc	ctaaccagca	cagggttttag	tgacaacggg	cccgttccat	300
ggacatagat	gacttcatca	gattgctaca	tggattcaac	gcagaaggta	ttcatttttc	360
ctaggtagtt	ggaaaacaga	aattttcaag	gtcaagaaaa	gaaatgaatt	ttgtattttt	420
tgtattttgag	aagataatgc	ttttgcttta	ctgagacatt	atttacttga	ctatttttgg	480
ttcaatacta	ctactgggtg	caccatttat	gattctgaat	ttaaagttgg	gaaaggtcta	540
agtatcaaag	tttttaatat	ataatgctgg	tccaatctat	tcataataat	cttcaaggtc	600
agggagcccc	cagagaccca	ccaacttttn	cacttatcat	ttctaacagg	ttattggata	660
aagaangtan	ctcttctatt	taccgggnat	atacctggna	aggccttntt	tnngnccctt	720
tagctctggt	tcctccnggt	aattaaaaaa	ggttaaaaaa	atggaaaaaa	aaaaaaaaaa	780
aaaaaactcc	gngggcctnt	agaacttttt	ggggg			815

<210> 3390

<211> 857

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3390

tcaacngctt	ggctancgtt	ctctttgcag	gatcccatcg	attcgcgctct	canacaannnn	60
aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgnetggcaa	120
ggtcagaggc	atnaggggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	cccttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggnccn	360
taaantggng	aantnaccca	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtg	ctctnnacag	gnaaccctgn	naancaaana	aacntggng	480
tctgcaactc	ngnggccan	ntnctnecgc	ttgntntaaa	atgactntgn	cntncctttt	540
ttaaaattca	caaantntttt	anccnctaca	tanacatatg	aagtgagnaa	ccncanann	600
gaanattnan	aaaacntccc	agccnncttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcggtttn	cacctttttg	ganganaatc	720
ccnccacct	tcctnaataa	tctnntcnga	ataaaaaaaaa	cncctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnnccanggn	gggctccttt	tttngccccc	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3391
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3391

tcaacngctt	ggctancgtt	ctctttgcag	gatcccatcg	attcgcgctct	canacaannnn	60
aagtatncta	cccatccaca	ggcagcagac	aaggaagtac	cttctgtgac	tgnetggcaa	120
ggtcagaggc	atnaggggaag	gtaaantact	gnaactatat	tnntaaaaat	aaaagtattc	180
cctttatgag	tgtgaattac	gaatcaatgc	cccttctcac	tactttttgt	gaaaaaaatt	240
accactnctg	cancaagtct	atgcctgggt	aaccaccaac	ccnccaaanc	cnagaagaag	300
nccccctttt	ccggcntntg	gaaggctgga	gnancattng	natntnggcc	aacnggnccn	360
taaantggng	aantnaccca	ctttcctttt	acaancgggt	ggcntcntna	naccancaca	420
aattntntgg	cacccgggtg	ctctnnacag	gnaaccctgn	naancaaana	aacntggng	480
tctgcaactc	ngnggccan	ntnctnecgc	ttgntntaaa	atgactntgn	cntncctttt	540
ttaaaattca	caaantntttt	anccnctaca	tanacatatg	aagtgagnaa	ccncanann	600
gaanattnan	aaaacntccc	agccnncttt	taactactan	tngagnnctn	tttaatnntc	660
tnatccccnn	aannttggtg	atggangccc	attcggtttn	cacctttttg	ganganaatc	720
ccnccacct	tcctnaataa	tctnntcnga	ataaaaaaaaa	cncctcat	attattcnnn	780
caanaaantn	tttnnnanna	cnnccanggn	gggctccttt	tttngccccc	cncttttnna	840
nncacntcn	ntanaaa					857

<210> 3392
 <211> 956
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(956)
 <223> n = A,T,C or G

<400> 3392

ccctcancgn	ncnnaacann	netcnannnc	tcnnatctta	nctttcnna	tenantantc	60
ncganannnn	tnctcccn	atnntaccna	nttancttac	cncctcnna	acnnctannt	120
tnaantnntt	ngnnnccng	tnttantntt	ttctaacnct	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaaccc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattgggtgtg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aaatgtgtat	gagttcaagt	420
tgacaaggag	tgatnnggg	atggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtg	tcccaaanga	gaataacatt	540
tgagtcanng	gggctgggga	aaggcanacc	cacccttaaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangcnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccgctgt	tgtagtnttc	ctgncctcaa	720
acnccanact	tcaagtnctt	cancttttgg	gacttgaacc	tggtctctct	tgntcntnaa	780
ntttgnatca	cnggcttatc	tgngnggnac	cttanengtt	nagttcnaat	acctccnnaa	840
ttaaancnc	ttttctntac	ananactccc	nctnaattcg	naccntnta	naantnatag	900
tgancecnc	aacctnnatc	cnnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3393

caatgctggg	ctaagtctgg	ctctngttct	ttcgcaggat	ccctcgattc	gaattcggca	60
cgaggagcaa	aataggatta	tattaaagaa	gcaaaagaat	gtcctaaaaa	ttctccctgg	120
gattaagtaa	cacagtgatt	gatattagt	gagtagaggg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgaggg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	agggggtttg	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaa	ttaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaga	tcctgaaaag	gctgggagaa	420
gagcatccaa	agcacagggt	gagagacaaa	aagggttaggg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgtcctgcat	aagtattttc	cctgtagatt	540
gcaaagtcac	ctatggagag	gaaaggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	cagggtggat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
acttacactt	ctgaaaacca	agacacttta	gaaattaaca	ccg		703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3394

atgntggnc	aatgcttggc	tactngttct	tttngcagga	tcccatcgat	tcgcagcgga	60
tggccgaaaa	tctaggett	gttgggcctt	tgaaaagcca	ggctgcagat	caaattacga	120
agctgtataa	tctcttcctg	aaaattgatg	ctactcaggt	ggaagtgaat	ccctttggtg	180
aaactccaga	aggacaagtt	gtctgttttg	atgccaagat	aaactttgat	gacaacgcag	240
aattccgaca	aaaagacata	tttgctatgg	acgacaaatc	agagaatgag	cccattgaaa	300
atgaagctgc	caaatatgat	ctaaaataca	taggactaga	tgggaacatt	gcctgctttg	360
tgaatgggtgc	tgggctcgcc	atggctactt	gtgatatcat	tttcttaaat	ggtgggaagc	420
cagccaactt	cttgatctt	ggagggtggtg	taaaggaagc	tcaagtatat	caagcattca	480
aattgctcac	agctgatcct	aaggttgaag	ccatccttgt	caatatattt	ggtggtatcg	540
tcaactgtgc	catcattgcc	aatgggatca	ccaaagcctg	cggggagcta	gaactcaagg	600
tgccctgggt	ggtcgggctt	gaaggaacca	acgtccaaga	ggcccagaag	atactcaaca	660
acagcggact	ccccattact	tcagccattg	acctggagga	tgcacg		706

<210> 3395

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 3395

gnnnctaattg	ctggctattg	ttctttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gcccagctac	gatctatatg	ctgtcatcaa	ccactatgga	ggcatgattg	gtggccacta	120
cactgctgt	gcacgcctgc	ccaatgatcg	tagcagtcag	cgcagtgcag	tgggctggcg	180
cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	240
ctatgtactc	ttctaccgcc	ggcggaactc	tctgtggag	aggcccccca	gggcagggtca	300
ctctgagcac	caccagacc	taggccctgc	agctgaggct	gctgccagcc	agggactagg	360
ccctggccag	gccccgagg	tggccccac	gcggacagcc	cctgaacgct	tcgccccccc	420
tgtggatcgg	ccagccccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactgggtt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttggggt	600
gtggagacct	ctcaggttgg	gacttcttgt	cagcttggac	ccctgaccag	tgggcttttg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

<210> 3396

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 3396

tttcaacgct	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ttatgtctgg	ctgtagctgt	tggtcacgtg	aagatgacag	acgatgagct	tgtgtataac	120
attcacctgg	ctgtcaactt	cttgggtgtca	ttgctcaaga	aaaactggca	gaatgtccgg	180
gccttatata	tcaagagcac	catgggcaag	ccccagcgcc	tatattaagg	cacatttgaa	240
taaattctat	taccagttaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaanann	naanaataan	cntantncnn	360
nnanttnatn	ncnancttct	ccatntacna	nnannttant	nactacannt	cncatcnnc	420

ttatcttcta	ataccnacec	ncnnatntna	ccatctaccc	tntnctcaac	cntccnctn	480
natnctcttn	ntencecn	ncaccctcnc	ncntcnantc	ctntatannt	ttctccccctc	540
ncctegnncn	ctnngtncnt	tntctactgt	tntctntnta	nnctctcttc	tctnnctctc	600
ntnnctntct	nnancnttnt	tnnccnctcn	gctcnnct	ctnnctcttc	tatcttcccn	660
tntcncacn	ctctcatgca	attnnacnnt	cncnctnca	ncnattngac	tencntctnn	720
atctntctgc	atcactnanc	nnccnnntnc	ttctctctac	cnnccantctc	ttntnnnnnt	780
nnnncnncn	cttatnacnn	nnccnnntnt	ntnnnnactc	nnntntnann	nnntnnncann	840
nnntnnctc	tnnnccntnn	ntnctnnntn	nncttnnnt	nnaccnaa	nnnnnnnnn	900
nnccnntna	nnnnnnatna	ntnnccatnc	ctcacntatn	nnctctcnn	nanannncnc	960
ntccccnnn	nnatnnctcn	cttnacatac	tctctatctn	nnccnaccnc	tacnancanc	1020
tnntntnct	nnnnntana	cncctnnnna	tntnngctct	cnnccnncac	ncntttctnn	1080
nantnatctc	ttccccngnc	naac				1104

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3397

tttnnnntn	tnaatccctt	ngetaccncc	ntttgatnga	catacancta	cttgttcttt	60
ttgcagggat	cccctcgatt	cgaattcggc	acgaggaatc	accctcggct	gggaagtcag	120
ttcgnmctct	cctctcctct	cttnttgntn	gaacatgggtg	cggactaaag	cagacagtgt	180
tccaggcact	tacagaaaag	tggtggctgc	tcnagcccc	agaaagggtgc	ttggttcttc	240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnng	300
aggaaccccg	tttgctgctg	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt	360
agggtgtccc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn	420
ggcttaagaa	aancaaagag	aaaagcatgt	cctttgcaac	ctgatcacac	aaatgatgaa	480
aaagaatata	actttctcat	tcatntntgn	ataacgnctc	cttgtttacc	ctgggtattct	540
agaatgtaaa	tttacataaa	tgtgtttgtt	ccaattagct	ttgttgaaca	agcatttaat	600
tnaaaaantt	acgttttaaa	ttagatgttc	aaaaggagnt	gngaaatttg	agaatnngta	660
agactaatta	tggnaaactta	gcttagtatt	caatataatg	cattgggtggg	gtttctttta	720
cccaaattaa	ggggtctagt	tctttgttaa	aatcaagnca	tttgcatctg	tggttctaaa	780
tacaagtatt	gttgcntttg	agaattgctt	a			811

<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3398

nnnnnnntn	tgaaancctt	nggetacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggagggtcag	240
ttagagggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360

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cgagaaaccc agtataaatc agttctggac aaacttgaaa tcatgggtgga agaaacagac      420
agtgttagct catgatttga tttgggttcta cctttggcct tgagttctta ttattttacat      480
tataaatatt aactgggttt atattgntaa gacaaaacac tggtaaaagt ttcaacacct      540
cccttttgct tgtataccat aaatgggcag nttctgaaat tttggataaa gcatcaagaa      600
ctcctttttc tgaaacgttc ctnccttttt agtgcctaataaatatactt acttaccncg      660
gannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn aaaaactcgg cctttaaaat      720
ataggggggn gnnttacnna aatccaann                                749

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<210> 3399

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3399

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canctcttgt ctttttgagg accctcggtc gaattcggcc gagtaagaat ccccccccca      60
tcaattttca ggaatgggat ggtctagtaa ggataacctt tgtaggaaa aacaagacac      120
tctctgctgc atttaaatac agtgcagtcg aacaactctt ggaaaaaac tacagaattc      180
actgttcagt ccataatatt ataataccag aagatttcag catagcagat aaaatacagc      240
aaatcctaac cagcacaggt tttagtgcac acgggcccgt tccatggaca tagatgactt      300
catcagattg ctacatggat tcaacgcaga aggtattcat ttttcctagg tatttggaag      360
acagaaattt tcaagggtcaa gaaaagaaat gaattttgta tttttgtat ttgagaagat      420
aatgcttttg ctttactgag acattattta cttgactatt tttgggtcaat actactactg      480
ntgncaccat ttatgattct gaattttaaag gtggaaaggt ctaagtatca aagggttttaa      540
tatataatgc tggnccaatc tattcataat aatcttcaag gtcaggagcc cgcagagacn      600
cncaactttc cacttatcat ttctaacagt ttattgnata aaggatggta cctcttttcta      660
ttttaccngg naatatacct ggaaagggcc ttcttttang gnccttttaa cctctggggt      720
ccctcccggt naattaaaaa aagggtttaa attnttgaaa aaaaaaaaaa aaaaaaaaaa      780
cctcgggggg cctttttaa aaacttttggg                                810

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<210> 3400

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3400

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gnnttnannc cnttttnatn cnctnncage tcttggttct tntgcaggat cctcggattc      60
ganttcggca cgagggtgagg ctctcttaan aaatttaaaa atactgnnga acaaagggag      120
gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa      180
agaaaatctt tcaacttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa      240
tnanagactg aggcatgagc ttcaatcaat cgangtttac tggccnagat tngagcntgc      300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc      360
aggaggctca anatttgtag atttctttta anggganaag acagtggagg anatgggttat      420
gtttttgtga gactcttant tagtgteccn tgaatctaaa ctntntggaa natagggtga      480
aactgnaag ancagggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg      540
gaggaatgan gntctcatct tctcttggt ctgcccctgn gcagataaac ttgttattga      600
cattgtcagt ntgaaattta acagactttt gtttttangag ttaagtttan ggtgcacacc      660

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taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggttttagggg	720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt	780

<210> 3401

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3401

gnnttnannnc cnttttnatn cncntncagc tcttgttctt tntgcaggat ccctcgattc	60
ganttcggca cgaggtgagg ctctcttaan aaatttataa atactgnnga acaaagggag	120
gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa	180
agaaaatctt tcactttcna aattagtcta tacaataaaa aangaaaatc ttaccccaaa	240
tnanagactg aggcatgagc ttcaatcaat cgangtttac tggccnagc tngagcgtgc	300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc	360
aggaggtcga anatttgtac atttctttta anggganaag acagtggaggc anatgggtat	420
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa nataggggtga	480
acactgnaag ancagggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg	540
gaggaatgan gntctcatct tatecttggt ctgcccctgn gcagataaac ttgttattga	600
cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc	660
taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggttttagggg	720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt	780

<210> 3402

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3402

gnnttnnnnc nnttttaatn tacatacanc tacttgttct ttttgcaggg atcccatcga	60
ttcgaattcg gcacgaggga acccccacca ttaagctaaa gtaaaaccct tttgagggaa	120
gagggagact ggggagaagg gaaaagagag aaggcaggga gagtagggag agaaaacctt	180
ccagcagccc agtaaaactgc gggcgaagag atctaccgt ctccctccct cccacagtta	240
ccattggcct tgtcatcgca agcatttgac aaagacttgc ttgtttgggc ctgtcacctc	300
ctgaaaggct gcttttagctg tggatgccct tgattaaggg agagagcgcc taggagctgc	360
ctgccccanc tggggtgacg gctgtagggc tgggtctatg ttgcaagccc tatatcctan	420
catgcagtgg aaagtgttta gctctctccc tctgacctc tgggcagcca gtcacaaag	480
cagagagacg tggcggtcatg tgggcagcat gcccagggtc cttgctgact cagcacttat	540
ttctgtagtt ttaaaaaaga atttaatgtt tttggttgta tttttttggg ggggtgaggg	600
tgggcaaaaa catgggggta gttctgagtt gttagaaatg tttctgaatc aagtttgttt	660
gaaaacacgt tgtgcctttg taccatttat aagatggtca taanacccaa gaactgataa	720
gctttgggtt ttttttggtt tggtttggtt ttttgcttca ttttaccat tcatgcctag	780
ggtttccat	789

<210> 3403

<211> 778

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3403

gntttaannnc	nnttttaata	tncatncanc	tacttggttct	ttttgcagga	cccatcgatt	60
cgaattcggc	acgaggggaac	ccccaccatt	aagctaaagt	aaaacccttt	tgaggggaaga	120
gggagactgg	ggagaaggga	aaagagagaa	ggcagggaga	gtagggagag	aaaaccttcc	180
agcagcccag	taaactgcgg	gcgaagagat	ctaccctgtc	ccctccctcc	cacagttacc	240
attggccttg	tcatcgcaag	catttgacaa	agacttgctt	gcttgggcct	gtcacctcct	300
gaaaggctgc	tttagctgtg	gatgcccttg	attaagggag	agagcgccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggtctatgtt	gcaagcccta	tatcctagca	420
tgcagtggaa	agtgccttagc	tctctccctc	ctgacctctg	ggcagccagt	catcaaagca	480
gagagacgtg	gcggcatgtg	ggcagcatgc	ccaggttcct	tgctgactca	gcacttattt	540
ctgtagtttt	aaaaaagaat	ttaatgtttt	tggttgattt	tttttggggg	ggtgaggggtg	600
ggcaaaaaaca	tgggggtagt	tctgagtttg	ttagaaatgt	ttctgaatca	agtttgtttg	660
aaacacgtgt	gcctttgtac	ccattataag	atggtcataa	gacccaagac	tgataagcctt	720
tggtttttttt	tgtttggttt	ggttttgtct	catttaccca	ttcatgccta	gggttcn	778

<210> 3404
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3404

caacgctggc	tacttggttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggctg	60
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attgccgccg	tggacacaga	ctccccccga	gaggtctttt	tccgagtggc	agctgacatg	180
ttttctgacg	gcaacttcaa	ctggggcccg	gttgctcgccc	ttttctactt	tgccagcaaa	240
ctggtgctca	aggccctgtg	caccaagggtg	ccggaaactga	tcagaaccat	catgggctgg	300
acattggact	tcctccggga	gcggctgttg	ggctggatcc	aagaccaggg	tggttggggac	360
ggcctcctct	cctacttttg	gacgcccacg	tggcagaccg	tgaccatctt	tgtggcgagg	420
gtgctcaccg	cctcactcac	catctggaag	aagatgggct	gaggccccc	gctgccttgg	480
actgtgtttt	tcctccataa	attatggcat	ttttctggga	ggggtgggga	ttgggggaca	540
tgggcatttt	tcttactttt	gtaattattg	gggggtgtgg	ggaagagtgg	tcttgagggg	600
gtaataaacc	ttcttcggga	cacaaaaanaa	aaaaaaaaaaa	aactcgagcc	tntagaacta	660
tagtgagtcc	gtattacgta	gatccagaca	ttgataaaga	tacattgatg	agtttggaca	720
aaccacaact	tgaatgcant	ngaaaaaaat	gctttaattt	gggaaatttg	gngaagcnn	779

<210> 3405
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)

<223> n = A,T,C or G

<400> 3405

nnnnnnnnntt	taaatnccat	tnntttctnn	nnnttttnat	ntanatacan	ctacttggtc	60
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ctctgtcctt	gctgctggg	gggaagggaa	gccagatcca	gcacccctg	gggggccatc	180
gggagtgtgg	ctgggggtga	agggggctct	gtggcaatat	ggggttgggt	agtgtgggtg	240
gcaggccatc	ccctctaata	ttggaacctc	tgaatatggg	acctcccaca	gcaaaggggtg	300
actttgtcat	taanaaagac	tgggggtggg	gtgggtggctc	acgcctgtaa	ccccagcact	360
ttgggaggcc	aaggtgggca	gatcacgagg	tcaagagatc	ganaccatcc	tgncgaacat	420
gggtgaaacc	catctctact	aaaaatacaa	aaaattagcc	gggtgtgggtg	gtgggcacct	480
gtcgtnccac	tctaaggagg	ctgangcagc	anaatgggtg	gaacccatga	ggcacanctt	540
gcantgagcg	aanatcgcac	cactgnacgc	actncaacct	gggtgacaga	gcgagactcc	600
gtctcaaaaa	aaaaaaaaatt	tcaagactgg	agaggtnatc	ctgaattgtc	cagctacncc	660
ccatgtnatc	acagggcctt	catgacaggg	ncagagccac	canccttgaa	ganncngtcc	720
tncccccnaa	cangcagnct	gganaaactt	ggncangaca	agtaggacat	tcctggagcc	780
tccanaangg	actgggcttt	tnc				803

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

caangctggc	tatcggttct	tttgcaggat	cccatcgatt	cgaattcggc	acgagcctga	60
ggtcacatgt	ggatttggcc	agagccttca	ggagggtggag	gccgggtgagg	tcaggagccc	120
agctctccag	ggggcttctg	ccctgactgg	gaagggtgcc	tggctcccta	aaacaatgtc	180
aaagccagtc	ctgctgttct	ctgttgccag	ggggcaggtc	tgggcctggg	ccaaccacgt	240
ttgttatcat	ggctgctgcc	ttctggacag	ctgccagctc	tgccttgaga	ggttgtggga	300
cctctggatc	cagctgacct	gacaggctcat	ctactcaggg	aggagccctg	tgctcccagc	360
tcagaggaca	gtctggggcca	gaactggaag	gagacatctg	tcccgctctt	gagtgacaag	420
cccgggacaa	cagccagtg	gcatcacggc	tctccagcac	tccttagccg	gaggatacac	480
agtgatgggt	gcatcctgac	caatgcgaca	accaacacgt	gctctcacia	acccttgact	540
ccgcacttt	ccagtgccaa	agtcaaagc	tgcttgata	aggagagcaa	agcttctgga	600
actttattta	ctctntcttt	ttaattntct	tttaagagac	tgggtcttgc	tatgttgccc	660
aggctgggtc	tgaactcctg	gcctcaagt	atcctccagt	ttccatctcc	ctaagactgg	720
gattacaggt	gtgagcccgc	tgtaccgcga	ctttttttgg	tttttgcttc	ncg	773

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

gnnnnnnnnnt	ttatttacat	tcagntatng	nnnttttgnt	ntaaatacan	ctcttggtct	60
ttttgcagg	acccatcgat	tcgaattcgg	cacgagggtc	ctccctgagt	gtcgaggagg	120

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acatgagtga aatgaccagc gaactcattt tttataggac tcggtgaagc cggattctgc 180
atttccctac ttgtagactc attttgtgga atagagttga tcgctgtctc ctccgcaaag 240
cattttaact cgaataagca aatgccgcct ctgtttgaac gttttggtat ttacaagaga 300
gaatcatttt acctaagaga actaattgaa ttggcagcat ccttgaaata cctccggaca 360
aggatctggg ggtgggggtg gaaaagcaac tgcgaaatag cagacggaga aattcctttg 420
gaagttattc cgtagcataa gagctgaaac ttcagagcaa gttttcattg ggcaaatgg 480
gggaacaacc tatcttcagc actcgagctc atgtcttcca aattgacca aacacaaaga 540
agaactgggt acccaccagc aagcatgcag ttactgtgtc ttatttctat gacagcacia 600
gaaatgtgta taggataatc agtttagatg gctcaaaggc aataataaat agtaccatca 660
ccccaacat gacatttact aaaacatctc anaagttttg gccagtgggc tgatagcccg 720
ggcnaacacc cgtttatgga ttgggattct tctctgagca tcattcttcg aaanttgag 780
aaaagtttca gggaatttaa agaagctg 808

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<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 3408

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tnnnnnnttta tttcnttcgt tctngntttt attacatcag ctcttttctt tttgcggtcc 60
ctcgttcgca attcagagac acacataaga aactggaaga agagaaaggc aaaaaggaaa 120
aagaaagaca ggaaattgag aaagaacgga gagaaagaga gaggagcgt gaaagggaaac 180
gagaaaggcg agaacgggaa cgagaaaggg aaagagaacg tgaacgagaa aaggagaaag 240
aacgggagcg ggaacgagaa cgggataggg accgtgaccg gacaaaagaa gagaccgaga 300
tcgggatcga gagagagatc gtgaccggga tagagaaagg agctcagatc gtaataagga 360
tcgcagtcga tcaagagaaa aaagcagaga tctgtaaagg gaacgagagc gggaaagaga 420
gagagagaga gaaccgagag cgagaacgag aacgggagcc gagagagaga gcgagagagg 480
gaaccgggag cgagaaagag aaaaagacaa aaaacgggac ccgagaagaa gatgaagaag 540
atgcatacga accgaaaaaa aaaaaaaaaa aactcgagcc tnttaactat agtgagtcgt 600
attacgtaga tccagacatg ataagataca ttgntgagtt tggacaacce ccacttgaat 660
gcagtgaaaa aaatgctttn tttgtgaaat tttgngatgc tnttgctttt tttgtaacca 720
tttttagctt gcaataaaca agtttnccac caaccanttg cnttcatttt nttntttcan 780
gttcaagggg aagtttttgg aag 808

```

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3409

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tttatataca tcagttcttg cntttttgnt ngactanagc tcttgncttt atgcaggacc 60
ctcgattcga nttctgnncg agtctctctn tctctctctg tgtctctcgg aactgggtcc 120
ctgggctgac cggagccggg agaacaacct ggccctcaggg agagagacgc taccgggctt 180
acgccacccc ctctnctcaa cacaagccca aactgctacc cgcgaggtgc aagtaagcgg 240
cacctcagaa gtgtctgcgg gccctgaccg ggcgaggtg gtggtgcagt gagcagcacc 300
aaggaggcgg cagccgagcc aaaaagagcg tttgtcgccg tctagattac atcacgcaga 360

```

```

gcctccagca ncagggcggtg cangcagaaa atataactgt gacaaaggat tttaggagag 420
tggaataatgc ttatcacatg gaagcagagg tctgcattac atttacttga atttggaaaa 480
atgcaaaaata tttgtaactt tntttgttga aaagctaaga tagctnttgt tgtcatcagc 540
ccacccccagt tcttatcata ctccagggtt ctggttgana atcttcgacg gcaagcctgt 600
cttggttgctg ttgagaatgc gttggcgcaa actcaaagaa gtcttgtnaa ccttggttggg 660
ccaaacctta ngaaaacctt ttacttaatt cnaaggaaga agnaaacaca aggaattggg 720
gaagggccaa atagatgatt naccnagttc nttccagact tcttcaagtt caattaactt 780
gtncnaccaa aaaaatcaaa agtggcaacn aatncattgc ttn 823

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<210> 3410

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3410

```

catncngttt cnagcctttt tganatacat tcagctactt gttctttttg caggatccca 60
tcgattcgat ttgactaaat cattgtttca caactgaata gtcttggtct tttagtagca 120
atgaaatcct aagctcttga ggccattcac ctgccaacct gaccatactg ctttcaaaag 180
tcttttctca tcagtagaat ctattttggg cacttctagt caatgaaaaa tgtaaacttt 240
taggagagaa tgtttcctag gactcaccca ctccattcaa tgttacatta aaatagtgtg 300
atcaatcaca atgtccatct ttagacagtt ggttaaataa attatctggt ctttgaaaag 360
accgtgctgg gcgcggtggc tcttgccctg aatcccagca ctttgggagg ctgaggcggg 420
cagatcacct gagatcggga gtttgagacc aagcctgacc aatatggaga aaccctgtct 480
ctactaagaa tacaaaatta gctgggcatg gtggtgcatg cctgtaatcc cactacttgg 540
gaggccgagg caggagaatt gcttgaaccc gggaggcana ggttgcatg aggtgagata 600
gcgccattgc actccaacct gggcaacaag agcaaaaactc tgtctcaaaa aaaaaaaaaa 660
aaaaaaaaaac tcgagcctnt aaaactatag tgaggcgtat taccgtagaa tccagacatg 720
ataagataca ttgatgaagt ttggacaaac cccacacctng gaatgcngng naaaaaatgc 780
tttatttgtg naaat 795

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<210> 3411

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3411

```

gnnnnnnnntt taaantccat acagtttcaa gncntttttg aaatncattc agctacttgn 60
tcttttttgca ggatcccatc gattcgaatt cggcacgaga gtccacatta aaaagaaaaa 120
aaaacaaacc ctaactaact tccaaatggg tctcctgggt cggggggcgtg agtggccgtg 180
ccctgggtgt gctgcctgtc tgagcaagct tccttagctg tggaaccccg ggccccctgc 240
tgccgggtct gcttgggtgt catgcctgct gcacccccgt ttccactgac gtgccgtctg 300
tggttatggg gtggtcactg gaatgacggt cactccagac gtcagccggc agggatgcan 360
caggctggcc gcgcaccggg gctcgggcac cctctggccc cacactggca atgatgccac 420
accttgccat gtccacgctg ttggtcaaac ccctctgtca tgcctcttta aagagaaaag 480
aagagaaaaga tttttttttt taatggcana ccgaaatgga gatctttag cctanatagg 540
atagtctgac cttctanctat agtctttttg gcaaatgatt tgtgttttca gtgtgtgggg 600

```

```

aanctgtcct gggggctggg ggcacagata gcacataagc tgtttntggg gctgcanggg 660
ctnctgact ggatgttggt ggtgttgccn gcttnagaat gtggcnacaa aaagcgtana 720
ccggggccag gtntgccgcc tgagctggct cccnaagntg ggttgntcan cgttatatt 778

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<210> 3412
<211> 869
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (869)
<223> n = A,T,C or G

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```

<400> 3412
atttcaaaaa ctcttgcctt nttaaanacc tnncgntact cgatcntnca cgaggaanga 60
ggacctaggc acacacatat ggtggccaca cccaggaggg tagtgngag ttagatttna 120
gagtccaggc cctagggttg gacccactcc aaataatctc ctcggtgtgg gtggtggttn 180
tatanangga taaatgaata ataaacattn ntaaaatata cgctattcct tgntggaaat 240
gcctgctgca cccccgttcc cantgaentn ccgaangngg ntatnnggtg gtcantggaa 300
tnacagtcaa tccanangtn anccngcngg gntgcatcaa gctgncctcg cacctgggnt 360
nnncaccctc tggcccacac tggtnatgat gccacacctt nccatgttca onctgttttg 420
aaaaanncct tttnttttcc tcttttaaag agaaaacatt ganaaagatt ttttttttta 480
atgggcccag ccnaaaaggg agatctnccc ncccttgtat atnatantnn tgacctncc 540
tacnaagang gcgttttttg caaaatnatt ntntntttt tcnegnggtg gtgggggaaa 600
aatttttctt ggggggggcc ttngnngccn aactnttaat tttcccat aaggcaannt 660
ttctttgggg gncctttccc nggggcttaa ncnttaaact ttggaatttt tntnggggtt 720
ggttngnccn taaattttta nnaaatggt ngtcnaaccc aaaaaaaaaat ntnacccccg 780
ggggccnaan anttttttnc ccccttggga ngccttttan tttccccac aaactttttt 840
tttttccctt ccaaccnctt ttattcttt 869

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```

<210> 3413
<211> 807
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (807)
<223> n = A,T,C or G

```

```

<400> 3413
nttttattta catanagntc ttgccttttt nnanganata canctacttg ttctttntgc 60
aggancccat cgattcgaat tcggcacgag gccacnanca ggtggggggc aggacgccnn 120
ggnnctgacc gcctccacta gagggnggtg gccgcggggc gacctggacc ttnannccnt 180
gtcengacct nccggtgggt ggggtgcgcn gggagcngc nacattcctt nttcttganc 240
agccaaanat tggagtnca ttcnncnang nacntttnt tttttngat cangagtgtg 300
tncaacgtac ncccctgcct nngnaagccc tgantcctn atggagcctc nnagagtggg 360
gagcatattg ggggtgggta atgcactnca nccaagnnga atgnacacaa nggntcgtc 420
naangnnntg nggncnccct nacccttac caccatgtgn ngntngnctc tgtggttgaa 480
catcnactn gtncgcaaan gganactnac tntaaaacc tttgnacnan ggtgcnaaac 540
cacagntgtg ncctgncnca nctanccatc naaagaatna caaaaccnctn tnaggggcn 600
ngggcnancn ntcccccttg tcnegncctg tnttggantg gcctttcggc ttaaacagt 660
aggctcanaa nggncncaac ctgggggtgnt aataaaaaga acnaattaag anactnttcc 720
ctecnacccc cctttccttg tngccagggg gcancaaact ngattnttga agcccaanat 780
aaaaaaaaag ctnnatatcn nggaaaa 807

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<210> 3414
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3414

tntcnttcaa	atngcttggc	tctcgttcct	tctgcaggat	ccctcgattc	ggaaatatag	60
agagatgtgg	gatttgaatg	cccatgaaag	acattttatt	ttacttgaat	atattccttg	120
ttcactttac	cctccataat	atgttgtaca	ttagtgtctga	tcaagtttac	agagttacat	180
tttgctttcc	taaccattca	gtcaggaatt	aaaatatggc	attgtataac	aactgggaag	240
aagctcatag	tggatataaa	ttagagtaga	taatgggtca	ccttgatagc	ctctgtttac	300
attacttgta	tatgggcaaa	ataattatta	cctatacgtg	tatttaagct	taattttcat	360
ataaacagta	tttttaaatct	atgttaaaat	agataatatc	taaaagtgtg	atctctaggt	420
agtccttagt	ttattagtac	tgtacttcaa	aaagattttt	aaatagggtcc	ggcacggngg	480
ctcatgcctg	taatcccagc	actttgggag	gctgaggcgg	gctgaatcac	ctgaggtcag	540
gagttcgaga	tcagcctgnc	caacatgggtg	aaacctgtc	tcaactaana	atataaaaaat	600
tagcccgggc	cgtggtggca	ggcgctgtga	atcccagcta	ctcgggaggc	tgangcagga	660
gaatcacttg	aacccaaggg	gcagaanctg	canttaagcc	aagatcgcat	cattgn	716

<210> 3415
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3415

tttttaana	aancaggntt	cctaatnctt	gttntnnnga	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgctg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggagggt	cagtttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgtat	accataaatg	ggcagtttct	600
gaaattttgg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann	774

<210> 3416
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctcaact	cttgttnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcataat	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3417

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aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantctt	120
gggcaggagt	tattgcactg	tttgtatgat	cnaacccac	ctnctctgct	ggaaacaagc	180
agcgtgantt	gntcacttgc	ctttcnnagn	cnctattggc	cagntgcttg	nangngaacg	240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn	300
tgtntnnacn	tgtctgntna	ggtaannngn	gtntntntca	agntntttgc	aangngatga	360
caaactaatg	tttgaatnng	tcatgataan	ggggcncctn	atactctgga	ncatcnccaa	420
nctgantnng	aagagctgcc	ngnntatctg	ntagtgncc	gctncttgaa	attnccaaac	480
anntgcctng	ntggaaattc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt	540
antnnncang	atgatggaat	tcnnncnatc	naacatnctn	tncgctngnt	anacttnnna	600
ttnactnann	gnctntnntg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang	660
cntcaagtnn	ctaacctngn	ttngaagttg	tngcaccann	ttnt		704

<210> 3418

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3418

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcactctttc	240

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taatttttgac	atatggaagg	gtacccaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3419

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3419

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
atttttaggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggtctc	gcactctttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaaaaa	acagtgtctag	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taatttttgac	atatggaagg	gtacccaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3420

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3420

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taacttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctccaact	cttgttnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaataaaaa	atntnaaaan	ctcgact	717

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3421
 tcttccattt naagcccttt gctacttggt ctttttgcag gatcccatcg attcgaattc 60
 ggcacgagag aggggtgggt ctggccacat aggtacctnt gtggctctgg tctgggggtta 120
 gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180
 tacttgcatt ttanggtctg ttttatgaan ccaacaagtg aatgtaaaat aggctctgca 240
 tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcng ctctgtcaca 300
 atgaaccatg aatacttaag aaagggaaaag taggaacang gagcatagcn aagcataact 360
 tgctgtgttc canggattta aaaataaatt actgtcnaga gcaatataag ggtcatgggt 420
 ttgatcagga actttttgtg aatgaaaaag ttcacaactt ggaaaaaaca gtgctagatg 480
 tgttatggaa attgttatca caaattattc cactgaaact caagtatnta anacaacaat 540
 atatcgctgt gaaatnttaa ttttgacata tggaaaangtn accnaaaaat tttgaaccca 600
 taccttnttg gcttnaaatt gcanggtggg taccnattt nttaaaaaatn annanacctt 660
 tnnnnccaaa aatnacttna tntacaaaa aattttccnc ggnccatggt taanaacctt 720
 gnnnccttt ttnaaacttt tac 743

<210> 3422
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3422
 tcntcgtttn natncttgga aatttgnana tngctaggct actngntcct tttgcaggna 60
 tcccatcgat tcgaattcgg cagagacctt ccacgggttat ttcacagata tggagagctg 120
 gaagcagggg gtgagtctct gagtggttga attgtaaggg atcagaagca gggatcagaa 180
 gcagtgggtg agttcatcca ccataaaaaca cacagggtgac tttgccttga atctgcagga 240
 ctgaagccaa ctcttgggca cagacctta gtcccttcct tggccactct aagtcagata 300
 gtccagagcc aggccctttg ggatgtgaca ccgagataaa tcatagaaaa gctgtgaagc 360
 ttggggaaca gagggacttt tgggtgaagta ggtggtctgc agtttctatc ttcttgggaa 420
 aagcaagctg gaaaagtga cagtgggttg taggccatag tgctcccagc tgggtgacat 480
 aatgaccaca cagcacagt atgttattag caactgtgtg gnggantant tgtgggctgg 540
 acaaatcaat cgtgtggaaa ttgttaggag tnttattaca ttaaacttgt taacctaaaa 600
 taccatnnaa aaatanaatc ngnnntaaaa cnancntata nggatgtnan aanaactcga 660
 gcttctaaaa ctntagnnga gcctttgtta cgtanatccn ngacatgnnt aagatacatt 720
 ggtnagtttt ggacaant 738

<210> 3423
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3423

ctnntttntt	ttngaancct	tngetcttgt	tctttttgcg	gatcccatcg	attcgtgaag	60
aggagacggt	gacctgggct	ccttatgtgc	ctgaaagagt	ttgagtttcc	tgtaaactcc	120
aaatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgtctg	taaagtgcag	180
ctaggatttc	cacaggaaga	cacttgacgt	gaacagagtt	atggagcagc	aaaaacacag	240
atctattttg	aaaaagagaa	aacatatgcg	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtggttctaa	attacaaagg	actttgattt	ctaggtagat	tctgggtaga	360
gacttccttt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggg	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaatc	tgagctgcat	aacttgatata	aagtaatttt	cagtgatttt	ttcatgggta	600
tgatnaaaga	actggattta	nccagaaacc	tttacctgga	ttcaagattt	aatttttccct	660
ttgagcctca	tccttaaagg	attttcggga	aaacattaag	gggagccaaa	nccnattggg	720
tggttgggcn	tgccctnnaa	ttgcctttgg	acttttttaa	ccgggctttt	gnnn	774

<210> 3424
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (796)
 <223> n = A,T,C or G

<400> 3424

gccnccccnn	tttngntctc	aacttgatcc	ctttttgcan	nanenegnnc	tncttgacgg	60
ntcccatcga	ttcgaattcg	ccacgangtt	atattaaatt	attctttgtt	tttctttttc	120
ttttaataaaa	gcctgcaagt	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaagg	tgaaaatgat	gctttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggectattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtaggggt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcattgtna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggcatggtt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaaatt	ataagattat	cccccgctcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgntccatt	660
cgngngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tcnnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangncn	780
nttttccngg	naannnn					796

<210> 3425
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3425

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ctacttggtc tntntgcagg atcccatcga ttcgaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gcttttggtt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctattttaga aaagagtttg ataaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgagttg ttgaccaa atgatgatgac atagagtagn tcagatctat catgtgctct      480
tctatcta atcagccaata tttccttggn cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct                                     736

```

<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3426

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ctacttggtc tntntgcagg atcccatcga ttcgaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gcttttggtt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaaaaat      240
gctattttaga aaagagtttg ataaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgagttg ttgaccaa atgatgatgac atagagtagn tcagatctat catgtgctct      480
tctatcta atcagccaata tttccttggn cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct                                     736

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<210> 3427

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3427

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tntntnntt nantngaacc ctttntctct gctctttttg caggatccct cgattcgaat      60
tcggcacgag cacaaggaga agaagtta atacattgaa ngatgagaag acatcttgga      120
agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc      180
aaaggcatag aggtaggaaa gtatagatct ccaggacag tagtcatggg gttggggcac      240
tgttggaatt taaggttgga aggatatatt ggagcccctt gaatacggta acaaggcaca      300
ccttgggcag tggagagtta tcagagtgtt tgaaaaggag gggtatttag taaataaata      360

```

gactggtact	ttaggaat	ttt	taaaatgtgg	atcattgtac	tactaataac	tattttat	420
atatttacta	tctactaagt	aattttacatg	tatttttcttg	tactgactgt	aaaccttctg		480
ggtgtgggtg	ttttaagtgc	catttttactg	atnaagaaac	tgaggcttaa	atagttgaaa		540
taagtcaccc	tgtagtgag	tgccagaat	gacaagtcag	atctanggtt	tgtctaactn		600
ccaaagatna	tataaaaata	atggatctct	ccttttccct	tatgcataaa	atatggggag		660
cntttttaaa	tcattaccca	tncgattgnc	caaaaaata	cctttnggga	aaactgatta		720
ttantattcc	anaataaatt	tcaacggcct	gcntngnctn	ctttacaact	ttnt		774

<210> 3428

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3428

aaacantttg	ctcttggtct	ttttgcaagg	atcccatcga	ttcggccaac	ttcaattccc	60
tttttagtcat	ctacttccta	ctaacagctg	taactaggat	gagtcaaaat	caattgccta	120
tgctcaccag	atccctgata	aattcccatg	aagccacctg	aaaggtggta	aaagcaaggt	180
aaaacgtggt	gaaagcaagg	taaagaaggt	agatttcaca	attttgtttt	ttaaaaaggg	240
gaatcttccc	tgaattcttt	gaggtactaa	gtacgtgggt	taatgcata	tttcattctt	300
gttagcagtt	taaaaataat	gtttcagaga	ctgtattcac	gattgctaaa	aagcattttt	360
tctactaatc	attgttcatg	ggacttaaca	atggaagata	actgggaaag	cagtaaatat	420
aggaaaccac	taatagtgtc	tccttcttcc	taccctgacc	ctctctttgg	cttcagaaag	480
tgacgaggaa	aatgtatctt	tcacaaagaa	aagttatacc	acagaangta	ctaaaaagca	540
acaactgcct	ttggggacag	gaaacttaca	gaggggatta	ttatagaggg	ataacatacc	600
gagtttctat	ttcaataaga	gggaaattgg	tttatattct	gttcacactt	gtttcaaaac	660
cctctcctct	aaaagcatgt	gttttttggg	attcaaggaa	tgtaccgttc	tttccccaac	720
ccttaaaactg	gggggtcann					740

<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3429

tcttccattt	naagcccttt	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtaacctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggetctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggtcatgggt	420
ttgatcagga	actttttgta	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattatc	cactgaaact	caagtatnta	anacaacaat	540
atatcgctgt	gaaatnttaa	ttttgacata	tggaangtn	accnaaaaat	tttgaacca	600
tacctnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720

gnnncnccttt ttnaaaccttt tac

743

<210> 3430
 <211> 776
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3430
 tgtccttttna attctaattgc ttggctactc gntctntttg cangatecca tcnattcgan 60
 tncggcacga gggcaggggc ccttanagtc ttggttgcc aacagatttg cagatcaagg 120
 anaaccagg ngtttcaaag aagecgtagt aangtntctg agatcctngc nctagctnca 180
 tntnagggt aggangaana tggctnnncn aancatgcgn gtgctcctat tgetganctn 240
 nctgnccaaa ncatgagtc tgggtgatat catcatgaga cccacatgtg ctectgnatg 300
 ganttaccac tacttcaaatt gctatgagta ctntcagaaa ctntngaact ggtctgatgc 360
 cntgntann naacttntn nctgnttggc ctnnctntc tagatcaang gancngcnnt 420
 aatccnaaan ttcattntgan tnaagatcan nngttcctgc tnggcacctt tcnagnataa 480
 tccccttttn gcttgntnaa acggaantnn anaaggngtg tntnnttcna atcttattan 540
 aattcttgtn attncatttg ctataatccc tggagcctgg atttctctgga anccgtaaaa 600
 cngggcttct aagcacctta cncnnttcca tccttgaaaag nancctccgt nnnatncaan 660
 tnagnctnct antntaant cntattggag accctnaana ttccttttac atcaaanggn 720
 nggtataana atntttcngg nattttncag gantctngta aaattnttat tntacc 776

<210> 3431
 <211> 731
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3431
 tnagtttgaa tgcttngant tgctaatagc ttggctactc gttctttntg caggnatccc 60
 atcgattcga attcggcacg agcagtggct ggataaaagg atgtgtggga aagaactgag 120
 ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gatttttaaaa 180
 ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
 aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
 gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
 aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct 420
 gtcttggttg agttggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
 aggcaggatt gttcattttg tcttttgttt gttttgggga acagggtcaa aattttcatt 540
 ctgcataagg taggtttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
 cttggaagaa angcaaccat agtaatat ttgagttnt actgnttatt ttttcaataa 660
 aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
 aaaatantaa t 731

<210> 3432
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3432

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttccttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttgaagaa	angcaaccat	agtaaatattt	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3433
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3433

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttccttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttgaagaa	angcaaccat	agtaaatattt	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3434
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3434

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttgttt gttntgggga acagggtcaa aattttcatt ctgcataagg      540
taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagttntcta ctgnttattt ttcaataaaa actcangttc      660
tcangttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

```

<210> 3435

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3435

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttgttt gttntgggga acagggtcaa aattttcatt ctgcataagg      540
taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagttntcta ctgnttattt ttcaataaaa actcangttc      660
tcangttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

```

<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3436

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tntcattcaa gtnctaange tggctctttt gcaggatccc tcgattcgaa ttcggcacga      60
gactgctcct tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac      120
gacttgaagg tgaagtgact cctaattcct tgtcaaccag ctacaagaca gtgtcattgc      180
cattaagctc tccaaacata aagctgaatc tcaactagccc taaaaggggt cagaaaagag      240
aagaanggtg gaaagaagtt gtacgaaggt caaagaaatt gtctgttcca gcctcagtgg      300
tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactggtg      360
cccatattga tgtggataaa canaaagata agaatggcga gagaatgatc acaataaggg      420
gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg      480

```


ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgtgnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 3437

gngtcatnct	ttnaantttc	taatngctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgctggg	tttgattggg	cagattcttt	tttactagc	ggcgggtttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggaccct	attatcgga	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgac	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360
tggccatcgt	tttcttcgcc	tccatagttt	ctcctggcgg	cgtgtgtcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggccttg	ccaggtcagc	480
gagttttcct	ttgtcctggg	gagccggggc	cgaagagcgg	gcgtcatctc	tcgggagggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gcccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaag	ggaacctct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3438

tnntntntcca	cttgggaaccc	cttttnngaa	ancccgccagg	natecccatcg	attcgetctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctcaa	actctngacc	tcaggtgatt	180
caccacactn	agcttcccaa	agtgtcggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatcngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcactga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	ccctctctcc	nccacnccct	cacctcnna	720
tcnccccacc	ccactcnncn	nncannccct	cccccccacc	cccnncnct	acnctcctnt	780
cccatcneg						789

<210> 3439
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3439
 anccttttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaaggcca ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
 ctcagattttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaaggtacc 300
 taaggttgta ttcatcccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggtcagctga ctttcacgat ctcaggctact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtgggt gtacacgcct atnatcccag 600
 cactttggga gggtgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3440
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3440
 anccttttnaa attccntngc cntaggctac ttgttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaaggcca ctgggctgga agccctaccc atgtcaggga atgtctgggc 120
 ctcagattttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaaggtacc 300
 taaggttgta ttcatcccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggtcagctga ctttcacgat ctcaggctact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtgggt gtacacgcct atnatcccag 600
 cactttggga gggtgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3441
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)

<223> n = A,T,C or G

<400> 3441

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actccctttc ctgcctccaa gacctggtgt ctcccactgt gagcccagct gtcccacagg      180
cagtcccat ggacctagac tcaccttccc cttgcctcta tgaacctctg ctgggcccag      240
cccctgtccc agctcccgac ctgcacttcc tgetggactc aggcctccag ctccctgccc      300
agcgagcggc ctcagccacc gcctcccctt tcttccgggc cctgctgtca ggcagctttg      360
cagaagccca gatggacctg gtgcccctgc gaggtctgtc gcctggtgca gcctggcctg      420
tcttgcacaa tttgcatggt tgtcgggggt gtggggctgn nntggggccc gtgccacac      480
cangnancc cctgtatggg atcanaggcn cgaagangca ntgnangctg ntggcanntn      540
aantactgnc tgggctggaa nangaactnn taaaagtent ngcccnatc caccttggn      600
cccnannttn nccnntant cnnnggntn angtggtnnn nctngggac agntcnntnt      660
ggntgnena tngnncnnat gnanaacttg gggtcannaa ncntttccnn atgnaancng      720
ngtc                                                                    724

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<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3442

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ttcgaattcg gcacgagcct tccacgggta tttcacagat atggagagct ggaagcaggg      120
agtgagtctc tgagtgttgg aattgtaagg gatcagaagc agggatcaga agcagtgggtg      180
aagttcatcc accataaaac acacagggtga ctttgccttg aatctgcagg actgaagcca      240
actcttgggc acagaccctt agtcccttcc ttggccactc taagtcagat agtccagagc      300
caggcccttt gggatgtgac accgagataa atcagagaaa agctgtgaag cttggggaac      360
agagggactt ttggtgaagt aggtggtctg cagtttctat cttcttggga aaagcnagct      420
ggaaaagtga acagtgggtg gtaggccata gtgctcccag ctgggtgaca taatgaccac      480
acagcacagt gatgttatta gcaactgtgt ggtggagtag ttgtgggctg gacaaatcaa      540
tcgtgtggaa attgttagga gttttattac attaaacttg ttaacctaaa ataccatcaa      600
aaaanaaaan ntnatgntt nnacntacnt gtnatnntan aaaaaaaaaa nttgagccct      660
ttaaacccta ttanngngtc ctttttaccn taaaatccan acctnnntta agaatncatt      720
tggaattgaat ttttggncct                                                                    740

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<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3443

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gttcaatnnt tgaaatttna nntcgctagg ctactngttc tttttgcagg atcccatcga      60
ttcgaattcg gcacgagcct tccacgggta tttcacagat atggagagct ggaagcaggg      120
agtgagtctc tgagtgttgg aattgtaagg gatcagaagc agggatcaga agcagtgggtg      180

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aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	agggtggtctg	cagttttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttannngntc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggnct					740

<210> 3444

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3444

tctctgtttt	natncttggga	aatttgnana	tngctagget	actngntctt	tttgcaggna	60
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gaagcagga	gtgagtctct	gagtgttggga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtga	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttctt	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	cagagataaa	tcatagaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tgggtgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggcatag	tgctccagc	tggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgtanatccn	ngacatgnnt	aagatacatt	720
ggttaggttt	ggacaant					738

<210> 3445

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3445

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aattcggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggtcga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataagg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaactgaga	ttaacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acagggtcaa	aatttttcatt	ctgcataagg	540

taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttgaagaa	600
aggctccata	gtnatatatt	tgagttincta	ctgnttat	ttcaataaaa	actcangttc	660
tcangtttagc	anatcatggt	cttaggaagg	tagctgnana	acaaaaatat	at	712

<210> 3446

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3446

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ccgtccncta	cctctccac	gtggaggggtg	gagcagttat	gagggaggaa	gtcaactgct	120
gttcagcctc	agaataaagg	tgccgttcac	tggtcagtt	acctcctgtg	taccggcatc	180
ttgtgttggg	aatgttcccc	cctncctagg	gaccaaggan	caccctaca	aaaanagtaa	240
ntggttgggt	gatactccct	taagccaaan	aggagctacc	caacctgttc	ttagggaccc	300
angttaccta	caaggggtggg	agagaattca	atggggccag	atgttgggtg	aagccccatc	360
tctggggctc	angtttcttg	gaanacttat	actatcccta	ccctcctnaa	ngcctgnatc	420
agactaaaat	ntgtataant	canngcntgg	gaccctantc	nanggtcttg	ggaagctncc	480
ctnnccnntt	ngggtnccna	nnagcnaaca	ttnnctncaa	gggcncnct	tatnggnaaa	540
antgtnggnn	cacattcccc	ccttctccaa	aggaangngg	ccnccgnatta	acaatnngct	600
anncttttgc	ccattggctn	aaaanccct	ccccacattt	ccatnatttc	angnttgngc	660
nncattatct	attnctttat	antgnnntgg	tanncnctn	ttnnactcaa	agnnnatcnc	720
ttacctttca	cnatcccnca	attnctntg	gtccanctg	tgnnccnttt	nganancctc	780
nnccncttn	cttnccaggga	ntnttanang	ntnatctaaa	tntgnggcnc	atannt	836

<210> 3447

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3447

cttacnttng	ctctcgttct	ttttgcaggn	tcctctgatt	cgaattcggc	acgagttcag	60
ggttgggtggg	tctgtggacc	ttgagctagt	ttttaatcaa	catggaaact	ccagtgatct	120
atttaaaaac	ttgcattggg	tcatgccagg	tttattggag	gttataccct	ccaatgtatt	180
tccaactcag	ggttaaagcc	aaggctcctta	tggtggaaga	tggggcatat	aaactggcat	240
tctggcgctc	acacactcca	atatctacta	ctctcccctc	ttgctcgctc	agctgtggct	300
tgcttattca	gctttttgct	cttctgggaa	tacatcaaac	atatgtaggc	ccagggtttt	360
aaccatttta	acaactgaac	ttgtaactgc	actagtcttc	caggtaagca	gaagtattag	420
ggttatggac	agtttatccg	aagtaataac	caggaatgcc	taataaaaac	atgcangtat	480
tggtgtaaaa	aatagagttg	gtgaacaagg	agttaccttc	tgactgnttc	tcttttagtg	540
aagtaggagg	caaggttatt	agctaagagt	gagatgggtta	ggagatgggtg	taaatttaaa	600
ggaaaagaat	taaggatatga	gatagttggc	taggataatg	aanttnntga	atggttttga	660
gctaagtngt	attaaaatcc	ccttttaggt	atagacnatg	aanttcctaaa	gcncactta	720
gccaacctgt	ggttctttct	tttcttt				747

<210> 3448

<211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3448

ttnnnnntcaa	cnggaacnnet	tttacccttc	cgtttcttnt	tgcaggntcc	catcgattcg	60
aattcggcac	gagatgttgc	ccaggctggt	ctcaaactct	tnnttntcaa	gcaatactcc	120
tgccttggcc	tcccaaagtg	ctgggataat	aggcatgagc	catcatgcct	ggccgaactt	180
attttttaa	tctttgggaa	tctaaaagga	ctatgtgctt	tcttttttac	tggattatgt	240
gagaagataa	tagtttgcag	agaaattcag	tgaagcagct	gataaaatgc	tttaaaaata	300
tatttcagag	aattgagcaa	taacagtgat	gtcaaaatag	tagccccacc	ttctccagcc	360
cacctaaacc	aacactgagc	atggacacat	gcatttcttg	tcatcagcca	gacgaaatgg	420
agtagcaaaa	atccatccta	tatgtcattg	agtcttataa	tacagttctc	ttttctctgn	480
ctattaataa	aagacccac	tgaatgaagc	cgggaattctt	ttaggcaatt	taaactttct	540
gaaatagagg	aaagttggaa	aggggcggtg	gtcaaggaat	atagaagtaa	aaaatatatt	600
tgagggtcaa	tgcttatctg	aacagattgn	ctagtctgat	tattttttaa	agtattatgt	660
tgatccagtg	gtttaaattt	gaatcaaaaag	taatgattta	accaaagggt	gtgcttccat	720
tattaacctc	agaaacacta	agaaaccgaa	atcactttt			759

<210> 3449
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3449

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agaaggagtt	cgacctgccc	cggccgcgca	tgcccaacac	ggagaacgtg	tactcgagct	180
ggctcgccgg	ctacgcggcc	tccaggcagc	tcaaagatcc	cttccttagc	ttcgggagact	240
ccagacaatc	gccttttgcc	tctcgtcgg	agcacgcccc	atattagtgg	tccggggccg	300
ggcaggccca	gctcaaaaaga	gggcagacgc	agcgacactt	gttcttcaca	cacccccatt	360
cggcgtagta	cccagagagc	tcaagatgtg	tggcagtttt	cggatggaag	ctcgagagcc	420
cttaagttct	gagaaaaattt	gaagccccc	gggggtgggg	ggacgcgtgc	cgccagctcg	480
acgtcagcgt	ggtctgtcat	cctgctagtt	ngtgatgttt	tctgacagta	gcctncaaga	540
accggttggt	cgaagacaga	gtcctgcaga	gtccttccag	cctagcctgc	agcgccattt	600
tatttatatt	ttttaataaa	aagtaaaaca	nnaaaaacag	acccacattg	gaacagtga	660
tcattccata	gagaggcccg	tggaccatcg	ttgtcatgag	tgatgcctgg	ccttttgaaa	720
ccagccnacc	taattc					736

<210> 3450
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3450

cttcttttcn tnnacgttc tttttgcagg atcccatcgg attcgggagn aactgctcac	60
tcctttttccc tccccataca aactcaaagt cccctggggcc ccaattcaga gttatgtttt	120
ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg gaggtgttct	180
gtttggggct ttttagactg ctgctgctca gctgggttgc tgaactgaca gtaggccagc	240
ctgtttctctg ccattcccta gtcacacctg gcctcaccac agcttgctta gagcaagcct	300
tttctcagac cttaggcaca gcctctcctc tttacctgat caatgttaaa tgtaagcacc	360
cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata gcctgtgaaa	420
tggctagtgtg atcatttttc caciaaagaat tangtggttaa gagttttcct tcangcttta	480
cttangagaa tggactaagc tgaangtgta ctttaccagc aagagtcaac tctagaattt	540
cangatgttc cttctattgc ctcttagcca tctgtcagga aatgtaactn tggttttatt	600
ttnggctatt ccanggggta agccanaaaa tngnaatgat nattctgatt aatagcagaa	660
actttttcat cccaaattat aaggggnctg ctcttttaaa aagcntctaa gctaagtcna	720
gagcttagga actgtgac	738

<210> 3451
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 3451

ttnnnttntt gaacttttta ccctgttctt ntgcaggacc catcgnttcg aattcggcac	60
gagggctctg accctgcagg actgggcagc ccagcgggtgc accatctcct accgagcccc	120
agagctcttc tctgtgcaga gtcactgtgt catcgatgag cggactgatg tctggtcctt	180
aggctgcgtg ctatatgcca tgatgtttgg ggaaggccct tatgacatgg tgttccaaaa	240
gggtgacagt gtggcccttg ctgtgcagaa ccaactcagc atcccacaaa gccccaggca	300
ttcttcagca ttgcggcagc tcctgaactc gatgatgacc gtggaccgcg atcagcgtcc	360
tcacattcct ctctnctca gtcagctgga ggcgctgcag cccccagctc ctggccaaca	420
tactacccaa atctgaaaaa gcagcatgtt gagaagatgg ccccttggtg cttggaaaaga	480
ggttcccatc cctcattgga atcaccaccc attccatcca ggacttctct tacacttggg	540
ggtagccggg gtcaggacaa tcatctcagt cctgcattct ttcttctgct ttcttccctc	600
caagagcaaa acctgggcaa ggggacttac tgagtggggg tgggtggggg ttgggaaaag	660
ggaaaacnnt gggatatggn acatggntct naggaggant gntgagctac ntancgtntt	720
gactcnaaan tnnngagca gnnnat	746

<210> 3452
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3452

ttntnttccc ttgaancctt tttctacann cncctttgca gatcccnegt tcgaattcgg	60
cacgagagac aaagaaaagg tggcaatcat agaagagttt ntagtaggtt atgaaacctc	120

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tctaaaaagc tgcgcggttat ttaaccccaa tgatgatgga aaggaggaac caccaaccac 180
attacttttg gtccagtact acttggcaca acattatgac aaaattggtc agccatctat 240
tgctttggag tacataaata ctgctattga aagtacacct acattaatag aactctttct 300
cgtgaaagct aaaatctata agcatgctgg aaatattaaa gaagctgcaa ggtggatgga 360
tgaggccag gccttggaaca cagcagacag atttatcaac tccaaatgtg caaaatacat 420
gctaaaagcc aacctgatta aagaagctga agaaatgtgc tcaaagtta caagggaagg 480
aacatcagcg gtagagaatt tgaatgaaat gcagtgcacg tggttccaaa cagaatgtgc 540
ccaggcttat aaagcaatga attaaatttg gtgaagcact taagaaatgt cattgagatt 600
gagagacttt tataggaaat cactgatgac ccagtttgac tttcatacat actgtatgan 660
ggaanattac ccttagnatc ttatgggtggg actttattta aaaacttnca nnaatgttcn 720
ttcgacagcc ttccatttta acttcnaagg cnncaangaa ttnt 764

```

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3453

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ccgctgggag tctagaaaga gaaaatctgt ttctagacct cagttatttt cccatttttg 120
gttgttttga agcagtaaca tttttctcag tgcacatgca atttgggttt tagagaagat 180
ggccaccagc tggcttccta gatattttaa acttttgttc tttaatatgc tgtccatggc 240
tgagtttatt agtacatggg cttagtgacc acaaaatatt ttattaagaa actgtttcaa 300
aaataaattt gcactgttca tttttctggc ctcgctgttc tccatagagc aagggtaatc 360
ctagaaaaat tttttttttt ttaaattatg caacgtaaga tgtcctcctt gatagaagtc 420
ttagctcctg tgttacaagg gagaactcat ttgagatcag tctgttggca ttgcaatgaa 480
gtgctttgta tcangaaagt gtacactatt gacctttttt cctgttcaca agctgagcca 540
tatgtacata atctagattt tgttttcata gttttgcact ttttatagcc ttttttgaa 600
gattaacaca tttgcaagat gatntgactc aatctttgcc taatccaaat gagtgttacc 660
agagagcttg cntgtgacta gaacccataa aattcttaaa angggggtatg ttgataatag 720
aagggcnggg aatttaaaac ccnggntttt aaaaaaat 758

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<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3454

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cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 120
cacctttaat gtctatatcc ctaccaatag tctttttaag gcaatatagg ctttctctaa 180
catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 240
tggtgtgtgc cataggaagt cacaacaggc aagggaaaga aaccagaacc cagtcatgga 300
gttaagaagt gagtcagaga gtagatgggt agggacagtg aggttaaggcc tctttctaag 360
gaagtttggc tgaaggatag actagctgga cacatgctgg ctgtgtgggg tagagggagg 420
aatgatggan ggtaggagag ccttgagcct gcgagaagag tctctagaat agagaagctg 480

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aggttaaagt	tgtggaagac	agtggggata	actgagtgac	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgccaa	gagcacagcc	atctttcact	600
gtncanaga	ggtaggacaa	aacgattggg	gttcaagaat	tggggttgta	gcacaatatt	660
ttactatgt	cctttaaaaa	agtttctccc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagaccn	tgaaaatn				748

<210> 3455

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3455

tctcantnct	aggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggt	60
attcagcttg	gctggagcag	aggcaggagt	ggggaactgg	ggacaggtga	gactagaggt	120
tggcagaaac	cagccatagt	agtttttgcc	tcatttgga	aacaaggagc	catccaagag	180
agagcgggtga	agctgatggg	gacacagcca	tggcgcatg	aaataccccc	agtggctgtg	240
ttgtagggta	tattgggttg	gggagggaca	aggtcaggag	gcatagactc	gacatcatct	300
gatgtgattc	angacagaat	ggcgagcctg	aagtgaagtg	tctgtaggat	aagttggaaa	360
ggaaggaacc	aatatgagat	attaaagaag	tgaaagctat	aggtcccagt	gccttaataa	420
aggtaaggag	taagagaaga	ttcgagattg	actcccagac	tctccagtct	gctggacatg	480
ggagatggaa	tagaagttga	tctcggnntg	gtcataggag	agcagttact	gtgttgagca	540
tggatagcct	gtcgttcccc	aggagaagga	ntacagcttg	gctggaaatn	ngcaatgccn	600
annttgga	gatccacctt	ggggtcactc	ctagggggcc	nacccttgna	ncccttgagt	660
agcaatcccc	ccagaaaanga	tncaaagggc	ttgannctna	actttaaana	ancnnt	716

<210> 3456

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3456

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ttgcttcgag	ggtagtgtct	tactaaaagt	taggaacaga	gacctagtgg	tgtgtccaag	120
gccgtgtcac	tttccccctc	agcacacccc	agcttctgac	ctcagagccc	aggagctgcg	180
tggacagtgt	ggggtgccag	gaggaggggc	ggtggctggg	cctcaggcac	gctgcactcc	240
cagccagaca	tgggtcttcc	gtttcttaag	tagcaagtgt	aggtttcagc	tggcagttcc	300
acctgcatgt	tctctgcttc	gctgccttgg	aagggggccac	attccccatt	cctcttctcc	360
ttacagcgcc	tgctcctttt	ttcaagcagg	cggaaagctg	ctgtttctca	cgtttcaggg	420
agaggggtga	gcggaggagg	acctgtgtcc	gtgccgtccg	gctccctggg	tgggaacagg	480
caaggggatca	gatgcccctg	acaccacgcc	tctggcacac	canatgcctc	tgcagtcctc	540
gacagcctct	tcagtgtccc	tctgcggtg	atgtccttac	tgtccccagc	caagggcggg	600
gaccggtgtt	tactganga	cctgcattag	aaacattttt	taaattgttg	tncaggaaga	660
gatgtgtctt	aaaacagcat	ctttaagct	gantgtat	ctttgcacaa	ag	712

<210> 3457

<211> 664

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 3457
 cacgagattt tgccatgtgg caagttgggt tgtggagttg ggcaggtgtg aaagggtaaa 60
 actccacttc tgaatgctgc ttctgcccc tgggaccag cacattgtta gaccatcttc 120
 ttgactgaaa attctctcct gatgctgagc cctgcaccac caccttcctt ttcctaacta 180
 tgaatagatg gcaaagtcca ctcaaaacaa ccagttaagt gctcacgaga gagtagtcaa 240
 gcacctccag aaagaaaccg ggtttttgtt cacatagcan gaagtgactc cctgggtggt 300
 nattnatctt ggaaacacag gtagattggc agaaaaacgg gaacatgtag gtaccgcat 360
 gttggtgcat gtncattact ttgggatagg ctttctcagt ctttcctcaa atgatngttg 420
 agccagtttt ccagggggca attctgantg acttgcgctt gtcttatggt gtggtcaagg 480
 gactttcana actacngaaa acttttactg anacagctga aacaagagta taccggcntg 540
 agagggaaga tgaacactca cctatgtacc actcttttga caatnaatnt agtatttctc 600
 aaatcaagtc tnnagactga tcctgtctca aaaaaaagc cnttagacta ttattgagtc 660
 cgtg 664

<210> 3458
 <211> 822
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 3458
 atcccatcga ttcgaattcg gcacgagcca tgggcggctg cactcccnac anatgggagt 60
 gnccaggag gacttgctca gccatggatn cacaccgacn gctgaggggg cgccctggcta 120
 cctnntgtac catccctgtg nctacatgct tgcangagga cggatggctt actgnangaa 180
 naagccngna tgcanntctg natgagaaca caggcaganc nccctctata gaaagcctgc 240
 tttggnanac ntnntcatan agccgagact ncacntacnt cacngccttg gngaanaatcc 300
 aactcgaggg gatctatgtc ttacgttcct gcaagcgccc ntggagctgc centgganca 360
 gtgtgccagc cancnagagt gntggnaaag ccccnncnnan nnaccttcaa tcatggacag 420
 cacnaancgg ntggntctgc gcnagangtg ctgggtaatg agnttacgtn caaggttngt 480
 atccactaga gcccgangta tcatanccnc caaccacgta actntgggna atnnnaatna 540
 atccaaagat ttantngaaa ctttaattgc gaccantngt aagacacntt ggtaaatttt 600
 agcccaancn aatgaacncc tcnngtcttt gcaattaaaa taaaatnact ggcggnnttta 660
 nctgcccccc anttngccat ttctnntttt annaaaacag gncngttttc caaccatttn 720
 cgnccctttt tcttaaangt ttgccttggn ccgnattntt aaaaantcnn natnctaaaa 780
 tagcccgana agncttttgg ancaacnttn taaccttggg ng 822

<210> 3459
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 3459

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gaggtcacct	ccactagagg	gggataaaaa	ggataatagg	aaatcagaat	attttgattt	120
gtagttcaac	tgttgatcaa	ttatctttga	gacttttaac	attcatgact	aaggaggatt	180
aataattaac	atgagctgta	gaattaagggt	ttgtatggca	tgataagtat	aaaccagttt	240
tgggacgct	ataattctaa	aaaagcagggt	agactagatg	attagttgta	cacttattac	300
tgctaattct	tgattgtaga	acaaattttc	ctatgaaaac	catgtttgtt	attttatatc	360
tctattagtt	cgttaaaagt	ttancagttt	tagatgtcga	accagtaaaa	aacaagttgc	420
ccattctatc	atttttttta	ttgtggtaaa	atatatttaa	gataaaaattt	acgattttta	480
ccatcttaag	tgtacattgg	tacagtggca	ttggttacgt	tcacaatggt	gtacaactgt	540
catccctatc	tattttccaaa	gctttttcat	cacccaaaca	gctctatacc	cactaacaac	600
aactccacat	caccactcc	ccagccctgg	ttatctctgn	tctactttct	gcctctatga	660
attcggatat	tccagttggn	ncatataagn	nggactcata	taatatnngc	ccttt	715

<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

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gccaggcta	gtcttgaact	cctgggctcg	aatgacctc	ccaccttggc	ctcccaaagt	120
gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	catgagtcac	180
gcaatgttct	ggctctggat	tccaggagta	gaggacctag	ctttaaataca	attagtttca	240
gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	caaaactaga	300
gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	gcttgaaact	360
agttcaccta	aagctagatc	tcttaaaacc	aatttactga	aaacttgttt	gcttaaaagt	420
aatgacttaa	tgactaat	gccaaaagct	caattcctat	tttgggtgtt	ttatatccat	480
ttaggtgtcc	tattcttttt	tgtcatgctt	tggatatttc	aaggatttat	atctattcat	540
ccaagagtac	ttctgagcta	ttatcagcaa	cataaattta	tcaaatttgc	agcactttgt	600
aaaatgatga	gaatgcttcc	tacctttatg	gatgtctntt	tctatggtat	ctaccattca	660
aaaacttttt	taaaaagt	aaaagtctta	gcaataaaat	ccaattggta	cagacatttt	720
gggtatcatt	ttttggttct	taanccann				749

<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

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nntggggaac	atcttcttgt	ctgctggaca	cctgatttgg	gcccggttct	ctgccattcc	120
tttctgcaat	tacatgggtt	tcccagctgt	tttgcgcggc	cttggagcac	ccacagaggc	180
ggncctgct	ggcangctat	gccctgggtg	tgggactctt	cctgcttctg	ctccagcccc	240

tnacggaccc	caagctctac	ggcagccttc	centtttgtgt	gcttttggag	cgggcagggg	300
actcagaggg	teccctgtgc	tcctgaccta	tgetcctgga	tacgctatga	actctcaccg	360
gtcctcccagc	cctnccccanc	aaggggtact	gccanggnna	agnggcttgg	cctnggggtcc	420
ccccanaatc	tcanggaatt	tattgnanng	ggganttgna	agccngaagc	tantctacnt	480
teccacagggg	acccaannag	caanagtaag	cnnccattttn	cnnaaanggg	tgcnnccccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgncaggngg	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttcnatn	ctttaanttt	ccctctnncc	attnctcnaa	720
aatanacett	ctttncagng	gcttnnnntnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacett	atnccctncg	ggncctttttc	nacacntant	840
tgncactttct	ctatatgcga	actacanant	taaccatttt	tggacanatc	tcggngngana	900
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<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3462

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actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggcc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtcgtctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagcttttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtgc	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3463

gcttgnetnc	tnctttttca	aatngctngg	ctactngttc	tttntgcagg	atcccatcga	60
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ttaggagtta	gaatttttatt	ctttgggtact	aaggaatcat	tgaagatttt	aaaatttaggg	180
ctgacataat	cagattttgag	tttgggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttatttttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420

gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	attttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3464

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ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgccccat	gttggtcagg	ctgggtctcaa	actctngacc	tcaggtgatt	180
caccacactn	agcttcccaa	agtgcctggg	ttataggcgc	gagccaccat	ggctcancct	240
catgttcgtt	tttaaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatatctta	naatagtcca	tcacettact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	ncettancgt	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nnnnnnacac	ccctctcccc	660
ccncccaata	ncccaanccc	ctcccannac	ccccctctcc	ncccacncct	cacctcnna	720
tcnccccacc	ccactcnncn	nnccnncctt	ccccccccacc	ccccnnncnt	acnccctcct	780
cccatcneg						789

<210> 3465

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3465

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gagggagaca	cccatctcct	gcccttggac	atcaggactt	ttngttcttc	ggcctttgga	120
ctcaggett	ccacagangc	ctcccagggc	tctcgggccag	tcagcctcag	aatgagagtt	180
acaccaactg	cttccttggg	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
tgggccagtt	cgcctaataa	atccccctct	ctggccgggc	gcggtagctc	tcccctgtaa	360
tctcagcatt	ttgggaggca	gaggtaggtg	gatcacctga	ggtcaggagt	tcaagaccag	420
cctggccaac	atggtgagac	ccccgtctct	actaaaagta	caaaaagtaa	ctgggtgtgg	480
tgctgggtgc	ctgtaatccc	agctactcng	gaggctgaag	cangagaata	cttcgacctg	540
ggaggtanag	gttgtagtga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaaca	anatnaaaat	ccctctccaa	aaaaaaanac	cnctcccaag	660
tttaaccat	tcanntccnt	taccaannga	ancntctatt	nancaaaaana	tcnnnccncc	720

tncccccacca ccccccnnngng tcnttaatcc cnaanncc

757

<210> 3466
 <211> 780
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3466
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 ggcttctgga ttgtttcact gtgattccta ggttttttcg atgccacgca gtgtgtgctt 180
 ttgtgtatgg aagcaagtgt gggatgggtc tttgcctttc tgggtaggga gctgtctaata 240
 ccaagtccca ggctttttggc agcttctctg caaccaccg tgggtcctgg ttgggagtgg 300
 ggagggtcag gttggggaaa gatggggtag agtgtagatg gcttgggttcc agaggtgagg 360
 gggccagggc tgctgccatc ctggcctggt ggaggttggg gagctgtagg agagctagtg 420
 agtcgagact tanaagaatg gggccacata ncancanagg actgttgtaa gggagggagg 480
 ggtanggaca gaagctagac ccaatctcct ttgggatgtg ggcngggang gaaacacgct 540
 tgganggtta atttaccacac nnaatgtgat antnataggg ganggaagct gctgtgggtt 600
 taactcctgg gttgncttgt tgggtagaca gntnggggaa aaaggccctt tgaattcatt 660
 gtaagcncaa gtcccaactt ngcccctgac tccctgccng gnggtattng gggaaacttt 720
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<210> 3467
 <211> 741
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3467
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 aaacacacat taaaatattt catgctccga acgccagcgc accaagtagc agcctcagca 120
 ctttcaaaga taaaaacaaa aatgatggcc ttaaacctaa gcaggctgac agtgtagagc 180
 aagctgttta ttactgtaag aagtgcactt accgagatcc tctttatgaa atagttagga 240
 agcacattta caggaacat tttcagcatg tggcagcacc ttacatagca aaggcaggag 300
 aaaaatcact caatggggca gtccccttag gctcgaatgc ccgagaagag agtagtattc 360
 actgcaagcg atgccttttc atgccaaagt cctatgaagc tttggtacag catgtcatcg 420
 aagaccatga acgtataggc tatcagggtca ctgccatgat tgggcacaca aatgtagtgg 480
 ttccccgac caaaccttg atgctaattg ctncaaaacc tcaagacaag aagagcatgg 540
 gactccacc aaggatcggt tcccttgctt ctggaaatgt ncggtcttta ccatcacagc 600
 agatggtgaa tcgactctca ataccaaaag cctaacttaa attctacagg agtcaacatg 660
 gatgtcccag tgttctgtat aaaatgcaaa ataaatgggt tttattaacc anacaaanaa 720
 aaaaaaaaaac ntcgagccct n 741

<210> 3468
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3468

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ctttcaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	agtgttagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagttagga	240
agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtagag	catgtcatcg	420
aagaccatga	acgtatagga	tatcaggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgatc	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggt	tcccttgctt	ctggaaatgt	ncgggtcttta	ccatcacagc	600
agatggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tggtctgtat	aaaatgcaaa	ataaatgggtt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3469
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3469

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acatatggaa	aagttaaaga	ctcagtctct	gagaaaacaa	ttggactgat	gcgaatgcag	180
ttttggaaaa	aaactgtgga	agatatatac	tgtgacaatc	caccacatca	gcctgtggcc	240
attgaactat	ggaaggctgt	taaaagacat	aatctgacta	aaagatggct	tatgaaaatc	300
gtcgatgana	gagaaaaaaa	tctggatgac	aaagcatatc	gtaatatcan	ggaactggaa	360
aattatgctg	aaaacacaca	gagctctctt	ctttacttaa	cactagaaat	attgggtata	420
aaggatcttt	catgccacat	catgcttgca	cgtcattatt	gnaanaagcc	ccnaangcat	480
ttgtccacct	gcntngaagc	gncaacaccc	ntnttccttg	gggaagcctt	tnnncaaaaa	540
ggcngttccc	ntttctccat	ggnnnttntt	ntcncnttgg	cctnccnttn	ggccgatttn	600
cactnacnna	angnaccttc	nnctttctcg	nnatggatat	cccaangngc	ttttnnaccn	660
nctcgnaccc	acnanctggn	taantctnac	atctgcaccc	nttctggccn	ccntcttctc	720
cggntcacct	anctccggan	ccaccnatct	cncncccat	tggtctctcg	aggnttcnct	780
ctnttnnctc	tctcacatna	tntantntng	cnnccctt	ntncttnta	aatantcca	840
tntctctcn	cccnnttat					860

<210> 3470
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3470

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ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgttaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcnggnn	aannnatcac	tcaatggggc	ntgtnnnenn	tangctctct	360
atnttctctn	cnntannenc	tgccancnnn	cttnnnnatn	netnnnnnt	ntcnctnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nacnanatg	nactcatatn	480
tttcacncnc	cctgccttat	tcatacaacan	nnnngntanc	gcatttnnct	cactctatnt	540
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ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tctctantc	720
acanacgata	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnato	cnnctatntc	gcattnnatnc	actcactent	tcnatnctta	840
tnntntcncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttcn	900
atcnnctcnc	tgctntttnt	cactntctcn	tnccacntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgtcn	tnnacctctc	tattntttnt	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgccaaca	ctancancnc	cgtctcacct	ntnanatcgn	1080
ctctacanc	tctnactact	actctctcac	tctctctctc	acancntnca	catctctctc	1140
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<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3471

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tctcacctaa	aggctaata	ttttaagtaa	gtttcttttt	ctttttttta	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaatt	attaattatt	tttaatatag	240
aggatccttg	tatgctgtcc	aggctgggtc	tgaactcctg	gtctcaagt	atcctcctgc	300
cttggcctcc	caaagtgtg	gtattacagg	tgtgagtcac	tgacacctgg	caagtttatt	360
ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
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acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggctttn	660
ccatcgaatt	ttgatnaaaa	taatccatgc	ttcatgggtac	cttagagatg	ggatatttta	720
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<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3472

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actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctatct	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctatcttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	tttaaccttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggc	420
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tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3473

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catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccaggga	ggaggatgtt	tttcttcttt	tctctatatt	tccttaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gtttttctac	ctctaaaggg	gtgggatggg	360
tcttcaaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
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aantgctggg	ngtaaaaagt	tgncattgat	ttccttngan	gccttttnaa	nncctcccnc	600
ttcttttttg	nnttttaaaaa	anaaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660
aaaaaantnt	tgggcaaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcacccagg	nnaacngnaa	tttccccctt	tnccnggnat	gggctcngtc	ggaaatgcng	780
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aaaaann						847

<210> 3474

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3474

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catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180

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aacatctatt tcacatgtac ccaaaagcat ttaaaaagca gaatccaggg cccagagcat 240
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angtgagtct cttaaccttt ctgngcctca gtttttctac ctctaaaggg gtgggatggg 360
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agcccgtggt cagaagtgcc tgggagtgge ccactgggaa actccgcttg cacngacct 480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg 540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctcccnc 600
ttcttttttg nntttaaaaa aanaaaaagg ggtntnttat cantggntcc nnntttcggn 660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc 720
cgcacccagg nnaacngnaa tttccccctt tncnnggnat gggctcngtc ggaaatgcng 780
ccttnctcn ggaaccantt ctggggcccc naannggttn nnggccnatt tcnctggna 840
aaaaann 847

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<210> 3475

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (694)

<223> n = A,T,C or G

<400> 3475

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atcttnggtt aattcagatt gagcanttaa agtttttgct atttaccttt gtgcaggctg 180
gcatatgcta atttgggggt ggtaaccaac cgattttatc tcatgtaagc attacatttt 240
gaagactgaa tatacttcac agcagatcaa acacatttat ggcatgcaact gacctcttct 300
tgagagccag aacttttatag agttgcctac cagggtttac tgnatggaa tttatgatct 360
taagaaatta ctagtgtcat tatttatccc tatgattcat tcattcaatn aagcntttac 420
tgcataaact ttacatccng cactgtagct taagtncccc aaaaattgaa tngnanntaa 480
ttngtctntt cganaattgc ccaacgennn gccagggcca ccggtggntt naccgctgt 540
nggtccccag cnttntctgg ggaangccn agcctnccg gancccnag tcnnnaaaa 600
tccagacct ccttggnntaa cncctgcaa aaccccggtc tnttantaaa aatncanaag 660
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<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3476

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tctttnttn ccttttcgnt cntgttcttt ttgcaggatc ccatcgatgc gttcaccatc 60
tatgtcctct ggacgttgg ctccttcgc taccactgcc agctgtactc cgagtggaga 120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccag 180
cattctccac tggcagctgg actcctgaag aaggtggcag aggagacacc agtatgaatg 240
ctgggtcttc cggaccctgc agcagagagg ccagaggtag ctggtgatac cctgtcctgt 300
ggaaggactt ccacttcaac acttccactt caacagttcc cgcacggcct gaacgcttct 360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg 420
tttttttttt tttttgcata tggaggacag gtggacatgg tcctgagctc tggacggagc 480

```

angcaccctg	atctcattct	gagggtccaca	tggcaccttc	tgggccagca	gctgtggccc	540
ngtgtatcaa	agggcgcccc	ttaaagctgg	aacattccac	aagcttcttg	cgcttttntg	600
caccnngcag	gcccactttc	ctggcaccct	cgantttata	taaaaagttg	ccctgcgttt	660
naaaaaaccc	accccctgaa	tgaattaaaa	nggagccccct	ggcttgga	aaanaaaac	720
atctnnnct	nnntatcncn	naaaananaa	ccnnnggect			760

<210> 3477

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3477

tnctattttt	tttccaancc	tttgctactt	gtctntttgc	aggaccctac	gattcgctgg	60
aaacctttac	cagaaagtga	cgggcaagga	ctgagatacg	agggcctgat	gggcaaacc	120
agcatcctca	cttaccagta	tgccgaggac	ctgatcaggc	gacaggcgga	gaggcggggc	180
tgggcgcgcc	ccatccggaa	gctctatget	gtgggtgata	accctatgtc	tgacgtatac	240
ggcgccaaac	tggtccacca	gtacctgcag	aaggcaacgc	atgatggggc	gccagaacta	300
ggggcggggg	gcacacggca	gcaacagccc	tcagcaagcc	agagctgcat	ctccatcctg	360
gtgtgtacag	gcgtctacaa	tcccaggaac	ccacagtcca	cggagcctgt	ccttgaggga	420
ngggagcctc	cattccacgg	ncaccgagac	ttatgcttca	ntagggactt	tgaaatgggg	480
gaggcagtgt	ggaatactgt	ggatgtctgt	gcagagcctt	tgccggcact	gaaggcatgc	540
agcctgtcgg	cagagtgtct	taacaccag	atgcctactt	tttactgnat	ngtagtttat	600
tgcccgagga	tggtggggct	ttttttttta	aataaaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncea	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 3478

tgttttgttt	ttgaaccctt	tttggnanc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	cagagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctnc	cnntannnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nactnanatg	nactcatatn	480
tttcaacnnc	cctgccttat	tcatcaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanacgatc	ctnctctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnate	cnnctatntc	gcattnnatnc	actcactent	tcnatnctta	840

tntntncncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnntctnc	tgetntntn	cactntctcn	tntcacntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgetn	tntacctctc	tattntntnc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgcgaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancntnca	catctctctc	1140
tacctctcca	cgctntatac	atatacctcc	tncactcctc	tnanngtnnt	t	1191

<210> 3479

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3479

gnntttannc	nnttgaaanc	cncnngctac	ttgttctttt	tgccaggatcc	catcgattcg	60
aattcggcac	gaggcctgcc	agaatggaag	catacagatc	tgggaccgaa	atttgactgt	120
tcatacctaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgcgtagc	180
ttntttctcta	tgatggtaaa	tgtncccttg	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttn	ccaccatggt	300
cccaatgact	gactgctggt	tcagtccana	tgataagctc	atagtcactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tctttgagcg	tangactttc	caaaggggtg	420
atgaaataga	catcacagat	gcnantggtg	ttcgctgcct	gtggcatcca	aaagtgacca	480
gatcatgggt	ggaaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tgggtaaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aaggaacagc	tggagaaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggcccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 3480

tacagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	ggaaaacatc	60
taactaagat	ggtttctactg	gtgaattcaa	tcaaatattt	aaggaaacaca	taataccaaa	120
accataacac	atncaaant	atggcccttc	agattttgtn	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatateccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaagggaac	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgtctctcgc	tgagattgct	ttgtttccca	taaagattgc	540
ttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tggttcaagc	tctgnttggt	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnntacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggncacccc	ncactng					737

<210> 3481
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 3481

tttgaancc	cttagctctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gattcgaaca	tatgcagtta	ttccactaaa	tgatgaatgt	gggattattg	aatgggtgaa	120
caacactgct	ggnttganac	cctantctgg	ccnaactatt	ttaagaaaan	gggngtggtt	180
tttgaacagg	aaaagaacct	tcgcccgggtg	gtatgcctcc	aaangcagca	actttatctg	240
gaaaactcaa	angtattccg	agaattttctt	ctgnccaggc	atcctcctat	ttttcatgan	300
tggttttctga	gaacattccc	tgatcctaca	tcatggtcag	tagtagatca	gcttactgcc	360
gttccactgc	agtaatgtca	atgggttggtt	atattctggg	gcttggagac	cgtcattggtg	420
aaaatattct	ctttgattct	ttgactgggtg	aatgcgtaca	tgtagatttc	aattgncttt	480
tcaataaggg	agaaaccttt	gaaagttcca	gaaattgngc	catttcgcct	gactcataat	540
atgggtaatg	gaatgggtcc	tatgggaaca	ganggtcttt	ttcgaaaaca	tgtgaaagta	600
caatgangct	gatgcctgat	cancgagagc	ctttaatgag	tnctttaaag	acttttctca	660
tgaaccntt	ggggaatggg	gtaaaccatg	naangggcnt	tccaaacgcc	ccttgaatga	720
aacctggaaa	aattgncaat	gaaaaggcca	aancnttnt			760

<210> 3482
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 3482

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gctggggagg	cctcacaatc	atgggtggaag	gcaaggaggt	gcaaaaccat	gtcttcacat	120
atgggcaagg	caggaaaaac	cntgtccagg	ggaacctcca	nttattaaac	cnntcaaact	180
tcattgaaga	attaatcact	taccacgaga	accagattgg	gggaaccatt	cccatgaatc	240
aattattctg	cacctggccc	caaccttgac	acgtgggaat	tattcaatgc	cagggtgaga	300
ttgggtgggg	acccatccaa	ctatgtcaag	tatgttttga	cttctggctt	gattgctang	360
tttgcataga	ngacaaacat	ggaaattaat	gaagtacctt	aatatctggc	ttcagatctt	420
agacaggatc	aganggccag	ctcaaatttg	caaggagggg	aggtagatcc	caccatttta	480
tgggctatgg	caaaatcaaa	cagaaattat	gtgggatggg	agatctgatg	cangcatctt	540
tggaaacatc	tacttagcta	attttatgct	aggctttagg	tcaagaagga	gagaaaaagc	600
tgcattgctgt	ggtacacact	tattgtccca	ncgacttggn	aaactnangc	aggangattg	660
cttgatccca	agaatttgan	gtaatgtgcc	aagaaccgtc	ttngnaatag	ccctaccctt	720
gaactcaact	tgggcaacat	tganaaaccc	tn			752

<210> 3483
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3483

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gnnnnnntnn nnnttttaan ccttttagcta cttgttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgagaggcgt ccttgcggaaggaggcatttt agctgaggct ttggagtacg      120
aataggagct cagcaggcag acgaaatgaa ggaantaaag gtcagaagaa aggtcagaag      180
cttgagtgc gttttggaaa tccaccccg tttatttggg agaacttggg ggttcaaaag      240
ggccagggtgc ctcagaattt gaggccaca cagtgggtgc tgggtggggtt gaaagggacc      300
caggaaccga ggcgttcagg aaagcagggt gtcagagcta tgtggagtct gtgggtggca      360
ngggcaaccg ctccagcctt tgaagacttt gaaagccaga gattcctgcg cangtttgga      420
cttctctggga gctcctccaa gtacccaagg gcatcagagc tgcttgggtg ttacatggcc      480
caaggaaccg aggttcangg taggacaggc aagaccagat cccaatgtgc aaagtgaata      540
cactggggtc ctgttaaacg atgaagaatt caagacagtg acagcattac gtcacccctg      600
gggacaaang tcaacctaag gtgacacacg gggactactg tgctttcgga ngctncctgt      660
gtcctggagg anaaaagctt tanagggggc aactggacaa cttccacttg caaaattcca      720
accttgcttg ggcaaggnc cngnctggga ctnaacattt ttgatatgcc ttaaaaatta      780
ttt                                                                    783

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<210> 3484
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3484

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tacangetct tgttcttttt gcaggatccc atcgattcga attcggcacg agggaaccat      60
gagaaccgaa gctagaattg ctattgaatt actttatttt ctcttcctta ttgggtagag      120
atacatcatt actggcctca ggggtttacc caaagaaagg gtatttttga gcaaataatg      180
tgatttcctg gctattttgt tgggggctta agattttttt ttttcaaata catttttagt      240
cactaaaaat taactgtcgt accatctaga actatactgt ccagtaccat agcctctagc      300
cgtatgtagc tatttgtatt aagattaatt gaaattttta atccagttcc tcagtcacac      360
tagccacttt ctaagtgtc agtagctctg tgtgaccagc ggctactgta ttggatatta      420
tagaagggtt tttcattcaa gatcatcatt cttgacagac ccataaatat ttcctataaa      480
gactgtagaa gtgtgttctg gaggggttgc tctccaaaaa gaattgtaat atagagtaga      540
attgggatag agtattgaag aactgggtt tagacattgg atattttaat gattggngg      600
tctaatactg tgctgcaact gagttatcta gngatatgac ctctgcttg ccaaagccng      660
aattnaagca ggattcctga atctatctta aaattgcaat gaaaaccttt tccctaaaat      720
atcccttttg taa                                                                    733

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<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3485

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gnnnnnnnnt ttngnnntna tgaaaacccc tttaatgaaa ccctttttga anccttatga      60
ancccttngc tgcaggatcc catcgattcg gcagcgcacc aggtgggttt aggagaaaac      120
ttgatagcca cagccctttg tctttctggc agtgggtctc agtctgattt gaaggatgtg      180
ggccagcaca gcaggagagg agggggacac aagccttcgg gaagagcctc catccagtca      240
ctcggtcttt taaggcaggg tgccatacta agcagcttgc ctccaggaat tgctctgaag      300
agaaatcccc acaaacctcc atcctaaagg aaggtaacag gggacacaag cttggatttc      360
cgacctgtag tgtctccagc aaatgggggt gaaggagtcc cgagtggatc aggatgatga      420
tcaagatagc tcttcttgaa gctttctcag aacattgctg tcagactgac tttaagacag      480
ctgattcaga ggtaaacaca gatcaagata ttgaaaagaa tttggataaa atgatgacag      540
agagaaccct gttgaaagag cgttaccagg angtcctgga caaacagang caagtgggag      600
aatcagcttc caagtgcaat taaagcactt cagcaaagga gagaaganga aatgaagaat      660
cccaggagat attaaaggct atcaggatgt gacaattaaa ccgggaagaa acaaagaaga      720
agattgagaa agagaanaag gagtttttgc aaaagganca ggactgaaag ctgaaatgaa      780
aaactttttg aaaaggccaa aggtan                                           806

```

<210> 3486

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 3486

```

gnnttttnann nnnnttttat nnatacaagc tacttgttct ttttgcagga tcccatcgat      60
tcgaattcgg cagcaggcat aacgaacctc accctcagag gtttaccaag attcaaaaca      120
cgaaactgac catgaaaccg ggacgggcat ttgggtcaag tgcgggtnc cagctttggg      180
aagggtgtct tcgggcaacc cacttctttc aaccaatttt cacaagtggg aacaattggg      240
gcgggccttc cgtcgtgggc ccccttcggg ggcttgacac taatgggaca gaagctctcg      300
gtgcccgaag gattgcctgc caganggact tgaccacagc ctggttgcca actgctctgt      360
ggaggacctc caggactgag actgggctct ggtttccaag ggtcttcaact aggcccccta      420
ctacacctgg aagtttcaga acccactttg gggggcctcc tgcttgaggc ggctcttcaa      480
gtgtggccct ctttgaggtc aacctnctt tccgaccccc tccccctagc ccagccccag      540
tcactgtcan ggtcgggcca acccctgcac tgccttgcan antggcctgg gctaggtcac      600
ttcacctntc tggcctaatt tcccccttg agtccctaag gcctggaagg tgggaagtat      660
gtctangggg caatgtcttt ttcangggga attctaactn ttgggaaccc ccttggtcca      720
aggggaagggn aaccttttcc attcaacatt gtaggggcna agctttgtgc gccccctgtt      780
aggancaaac cn                                                              792

```

<210> 3487

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3487

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tcccttggnn nnnnnnnnnn ttnnannata nagctcttgt tctttttgca ggacccatcg      60
attcgaattc ggcacgagga aaacatctaa ctaagatggt ttcactgggt aattcaatca      120
aatatttaag gaacacataa taccaaaaacc ataacacata caaatatatg gcccttcaga      180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt      240

```

```

tttttttggg agagataggg ttttgccatg ttgttggttag caagccctaa ccctgtcata 300
aacaggcctt aaataaactg gccataaaca ggatttctgc agcaatggga catgctcatg 360
atggctgtca tgcacactgc gaaaagttgt tggtttactg gagcagggca aggaacacct 420
ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgcc 480
ttggcagcat gtttttctg cagataatca gccagagcct gtttctctgc tcctcgctga 540
gattgctttg tttcccataa agattgcttt tagctaattc acaatctata gaagcaatgc 600
ttatcactgg ctttctgtca ataaatgtgt gggtaagct ctgtttgtng gctctcagct 660
ctgaaaaaaa aaaaaaaann nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt 720
tacgtanatc cagacatgat aaganccatt ggtgagtttg 760

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<210> 3488

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3488

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gnnntntnnn nnnntntnatn gcctnaagct acttggttctt tttgcaggga tcccatcgat 60
tcgaattcgg cagcaggtcc aggtctcctt ctgatggcca acccacttt aatgctggcc 120
agtctatctc acacaaagt ctaagtttct caggtgtcat agtaactcca tagtctcctt 180
aaatcccttt ttgaaatttt tcaacatagt tcctagtggg atgggcttac tttgtgctg 240
acctatggtt tctcaagaca aaacaccatg gcaggaacag ccacttgcac ctgggtcccgg 300
tgccacactg cgggtgcttg tgtggttggt gagcctgtcc ctgcgcgcct tgctcccgtt 360
gagccacgct gtctgggtgg tgattctctg cctgagccac caccctggac tggccagtct 420
ccagagctgg caccacctgc tgttttctct ttttagacac aacagccgca gtttggcagc 480
tactaagtcc caccagctga ggtccgagga aagcggggtg actcatttcc cttgtcaggg 540
cccgaggaga gtgaggtgtc cagcctgcaa agctattcca gctncttggg gttggttgca 600
ataaattggg atttaacaaa caaaaaaaa aaannnaaaa aaaaaaaact cgacctntaa 660
actatagtga gtcgattact anatccagac atgataagat ncatgatgat ttggacaacc 720
cacttgaatg ccntgaaaaa atgtttnttt nn 752

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<210> 3489

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3489

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cgtntttttn nncnannnga aagcccttgg ctacttgntc tttttgcagg atcccatcga 60
ttcgaattcg gcacgaggat cagccacact cggcctcaca aagtgnctggg attacaggcg 120
tgagccacct tgcccacca catcatacag ttgaaatgaa actttgccac aaccagcctt 180
tgctgtacac acacatatat cactgaacct ggttgaaata agntttttt tcttttctct 240
ctggtattct gggttctgaa gtctggtatt ctggtattct gggttcaaaa gtatgacttg 300
agagtgttgc tctggtattc tgagagttgc tctgtattct gggttctgaa gattatttga 360
aaaataactc ctactacatt gaaatgcaga cttaaaaatt taaacattgg attaggcagt 420
caaaaaaacc aagcaagcat aaaaggtcaa taagttgtaa tcttgatagt aaagggtggaa 480
aacttattat aaatggaaag aaagtttatt tccttttttg gttgatgggc agtatgccat 540
attataccca aagttctttt aaaaaatatt tccatcacca tttttattta aaataaacat 600

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ttgaggggaag	taccaaggca	gcttttttcc	tcaaaagtac	ctggtcctct	ttgggaatag	660
cacattttan	gggcattggg	taatcctgag	atcttactca	ntaaatcctg	atgggtactgg	720
gtgtaaaata	tcttttagtng	gattgaaggc	cttgnggggg	a		761

<210> 3490

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3490

gnnnnnnnnnn	nnnnnnntttt	gaaannccctt	tnttnnnnnnn	ngnnntttann	cnnttgaana	60
cnanagctac	ttgttctttt	tgcagatccc	atcgattcga	attcggcacg	aggcaaggcg	120
ccggggggaca	cggttggtgc	gttttcggcg	ggcttccggg	tcaaaaatgg	ctggggcttg	180
cgaattctnc	tggtctactn	cgtaggcana	anggccantt	tggtccccga	agttctgggn	240
gtcgaaattc	ggccggacgg	gaagcttang	atatccacca	ccacaaattc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaat	tacaaaagaa	gatgatgctt	tgtggcctcc	cctgataggg	420
gttggccccg	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaataggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactatttgg	tcaagacttg	aatgttttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccaat	ttaaattgna	tgttttcang	ctggttgnat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	ccttacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3491

gnnttttaaan	ccntttttnt	nnnanacagg	ctacttggtc	tttttgccag	atcccatcga	60
ttcgaattcg	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctggt	gggccatgga	cgggatgggt	tgtaccccg	ggggggtaaa	cgaacgggta	180
gcttncaacc	ttcaacttcc	attcgangaa	agtacaaacc	ccgangganc	aacaaagtgg	240
gggtgggcgc	attcctggca	ttgtttcaac	ccgggcgcaa	gcaagtgtgg	ggttgtgggc	300
gggtgcttgg	aagetgcttc	aatttccccg	nccgncatcc	ttccccgacg	cttgtcccg	360
ggccctccac	caagcctctt	gacccaccta	ccaccagaag	ccttgacagc	ttccacatgc	420
cttaaggggg	accgtggccc	ccaccagggg	acgtcctgcg	ccatccgttc	acgtctcttg	480
catcattcct	tcatgtcttt	atttagttgn	ttatttattt	aagttattta	tcttattgag	540
agggtgaggag	tgccacggct	gcccgtttac	acctttagcg	tctggtcctn	ctgcgtgtcc	600
tcccttcaact	ggctgcatgg	ggggcccggg	gagtgacaag	cnggggcctt	accggcccaa	660
ggcccgttgc	ctgctnaaac	cttgcanagt	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggtcccggga	agggtgggaa	caagtgtcct	780
tctgtcgtcn	nnntgcccng	tgcca				805

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3492

ggctactngn	nngtntttgn	angcnntttt	nantatacag	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggna	atgacattca	tgccagttct	tccttgaatg	120
gcagaagcac	tgaagaagta	aagcccatcg	gtgaaaacct	ggggccaaac	tgggaaatct	180
gntgggtgnc	ttccccang	ntttaaagga	gatcaatgtn	gaaanggtan	cnggattcaa	240
catttggnca	agccgattca	agaacagtga	aagtatttgn	ggatcttatg	ggaccaatct	300
ggggccaagaa	gaagtctttt	agacagcttt	acgtccaaca	atgggaccca	tttcaagtat	360
tacttgggtg	ggcattccag	tcaacccatg	gaaaattctg	gatttcgtga	agatattcaa	420
gtacctcctg	gaaatggcaa	cattgggaat	atgcaggtgg	ttgcagttga	aggaaaagggt	480
gaagtcaagc	atggaggaga	agatggcagg	aataacagcg	gagcaccaca	ccgggagaaac	540
caggcggaga	aactgacgaa	ttctctaata	ttagaagang	aaagangaca	taggatgcaa	600
cactttgagc	gaaggaacca	aggcccgga	ggtgggaant	ggangtgatn	ggganccctt	660
gggcttcgac	cagaaggtcc	cgangcagcc	tcaatgacca	natcgctctg	tgctgatgaa	720
actgcaggag	gacatgcnna	atgtccttta	aagactgcag	aaactggnaa	ccctactgnt	780
tttcaggcna	aaaaa					795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3493

gcttgnctnc	tnctttttca	aatngctngg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattagggt	180
ctgacataat	cagatttgag	tttgggaacc	tatagtttgg	gactggagga	agacagggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtgt	aaacaactaa	360
attttgtgat	caaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatatTTTT	tgaagttccc	tacctgggtta	atTTTTTcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgttaag	720
acccaaaatt	atnt					734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3494

gnnnttnann	nnnnttttan	nnnatacagg	ctacttggtc	tttttgagg	atcccatcga	60
ttcgaattcg	gcacgagcac	catcgaatat	ttttatttat	tttgagagac	agactctgtc	120
accagggcta	gtcttaaact	gttgggtgaa	tcttaagtga	ttctcccacc	tcagcctccc	180
aaagtgtctg	ggattacagg	gcatgagcca	ctacccttgg	ctgtgatcaa	gtatttttagt	240
ctgttggtta	aatgtttact	aaatagtctg	aagtagagaa	aatagcacc	aatctaaaat	300
aaggtgaggt	ctagtcactt	atttaaactt	acatttttaag	ctatagttaa	ctattagttt	360
aaacttttaag	acaggtaatg	ttcatgctgc	agacaatcta	agggcattat	taaaatgttt	420
gttcttcctt	atctcagaat	tgaagtatgt	cagaagcaag	acttttcttt	ccatttttgtt	480
atagtagaaa	tgcatacatt	aacaggtacg	tttttagacat	tacacgtgct	catctgcccc	540
aaagctctaa	tgagctgcct	taccctggaa	tggttttctt	agcttggatt	tgcttttttg	600
gagggattaa	gaaaagactt	ggctgggctg	tgggactcat	gcctgtaatc	cacantttgg	660
gaaccnagcg	gtggatcatg	angtcaggag	atggagacca	tccggctaata	acggngaacc	720
cccgttttta	ctgaaaatcc	aaaaattact	gggcgtggng	gcggcn		766

<210> 3495
 <211> 872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(872)
 <223> n = A,T,C or G

<400> 3495

nttananttt	naaaaacccc	ncttntnttg	gcctnacctt	ncggttttct	tttttttttg	60
gccaggggna	atnccccca	tnccggnatt	tcccggaaaa	tttccgggnc	caccggaagc	120
cctgggggaa	aaaatgggaa	aaaatttnat	tnattttttt	ncaaccccc	atttaggnnt	180
angcccaaat	ttaaaaaaaa	aggaaaatta	ccttccaagt	taaantance	gttantnggg	240
gaaatanctt	acctttaagt	tccaataaaa	aaaaggggga	aatggaaaaa	taaatggggc	300
atttttggca	ngcaanccct	ggggantggg	aaaactgggg	angaaccatt	anttcttaaa	360
agtggaaagt	aaccttcaag	ggaaaatggg	aaaaacaaaa	ccggtcgggtg	gtggttcttc	420
actcttttaa	gtggggaagc	taaagcttgt	ggagggaccc	aaagggccta	agaaatgata	480
caatgggact	ttgggagact	aggggaaagg	gtggggaggg	cggtagagga	taaaacagtg	540
ccactgggtc	agtgtcactg	cttggtgatg	gctgtccaaa	atctcagaaa	tcaccctaaa	600
gacttattca	tgtgccaaac	tcctgtccca	aaccttttaa	aaaaatgcgc	catcccccca	660
tggaaataaa	gtcaacagcc	tgcaagagca	aaagactggt	tagtaactta	aaatattcca	720
aaagagactc	ctcatgccta	ctagtccact	ctgaatctat	caaacacgta	aaggaatttg	780
gttcacacca	ccaccacccc	caatcttnac	aatctntgag	aaacagagaa	ganggaattc	840
caactccttg	tgaggcagct	tcctgtcca	tg			872

<210> 3496
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3496

tntctnaatn	tgntnnncgna	tcttgaggac	ccatcgttca	attccgnncc	naggggggna	60
ctncccntac	tccntggatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggtattg	tttttctgtt	ctcttctgtc	ctgtottata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagcccctc	caaagatagt	tgatgtgtga	taatctcata	atgttgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtgggtan	agaggagtac	ccagttaggg	gttgagagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattg	tccttanaat		710

<210> 3497

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3497

nntnnnnntn	tgaaancctt	nggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcaogag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	120
tccgcggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataaac	tgagggtcag	240
ttagaggcca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatggtgga	agaaacagac	420
agtggttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatacagaa	600
ctcctttttc	tgaaacgttc	ctnctttttt	agtgccta	taataactt	acttaccn	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	cctttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnnn	nnnnntttt	nannnnnnnn	tnntnnnnnn	nnnnntttt	aaaaacagct	60
cttggtcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcatct	tggttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctgttt	tcaggtttct	tttcagtgtt	ttaggtattc	agtattttaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccttcat	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttgtt	taattgagag	360

aagtctgctg	tgttcttgg	gatagaggac	catcctagag	ttgggagtgc	tgtctgcaca	420
gcaacaaacc	cagagtctac	tttggatcac	cttatatagt	tcatgagtaa	tcagcagatg	480
cctttccttt	ctatgtctct	ctctcagtga	aaggcactgt	ttcttccact	tggtgaggaa	540
tggcctaattg	ctcattgtct	gtaacaggaa	tgtacaact	gctcaaattg	taccatztat	600
catatttgg	aaggtcttgc	cttagtcttg	cctgttcaat	tataaaagga	aagaagacgt	660
aaaagatgta	gagttgtctg	ngtgattttc	ccccattat	gtcagaagag	gccttaagaa	720
aactaatacc	ccccacaaat	atatcttttt	agattttctat	tatatatttn	gncttatcaa	780
ga						782

<210> 3499

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3499

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggttgcttt	60
caaaagacac	atatcaccat	agtacatgta	ataacacaca	taggctcaaa	gtaaaggggt	120
ggcgaangat	ctgttntgca	gatggaaaaa	aagatcaggg	gtcactattc	ttgtttcaga	180
taaaacagac	tttttaaatc	aacaacagta	gaaaaaggac	tagggcatta	cataatgaag	240
aagggttcaa	ttcaacaaga	tttatcctat	cacacccaag	attggagcac	tcagatttct	300
aaactattat	ttctagacct	aggaaaagaa	ttaaaccggc	acataataat	agtggggggac	360
ttcaaacacct	cactgacagt	gttagataga	tcatcaaggc	agaaaactaa	caaattctga	420
acttaaattc	aacagttgac	taattgaacc	taatagacat	ctacagaata	ctccaccac	480
caacaacaga	acatactttt	ttctcatgtg	cacatagaaa	atactctaag	attgaccaca	540
tgttttgtca	caaagcaa	ctcagtaaat	tcaaaaaaga	ttgaaatcat	accaagcatt	600
tcagactaca	gcatagtaaa	aatgaaaatc	aacacccagg	agaaactctc	aaaacatggn	660
aactnaacaa	cttgctnctg	natgactttt	tgggtaaata	taaaaatang	gcttccttaa	720
ccctttttgn	aacaat					736

<210> 3500

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3500

gnnttnnnnn	nnnnntttt	nanntantgc	tcttggttct	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagggtcaa	ctctccttgg	tgagtgcctc	agaacttagg	aaaagagaac	120
agcgcatgtc	tctctcatga	agatgacaga	ggacaaaagc	aagcagaaat	atacaaggat	180
ttgcgtnctc	tattatgaat	ttctctttga	gaaataatac	ctgtgagaat	gctgctcctt	240
caattagggt	caggattgga	ggaaaaatca	tataaaatag	gttcctgcaa	taatattgcc	300
ccttgagtat	gggtgggctt	gtgacctgct	cagtgtctaag	gaaatgcagt	ggaaatgatg	360
ctgtgtaact	tctgaggcca	agttataaaa	gatcatgcat	cttttgcctt	gttagtttgc	420
tgacgcctga	tatggagcac	tagaaagaaa	ttatttttcc	aagcatcaac	ccggaagtcc	480
cagcataccg	agggtggcag	acatcatttc	ttcaatgaac	ttagtattta	gaaagatatc	540
ttcactccaa	gcatcaagtc	ttttctgtcc	tgcaaaagtc	ttaagtcaaa	ccagaatccc	600
tagtagaggg	cacctttgga	ttcaacagta	aaaggagaat	ctacaaaacc	agctcatcaa	660

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aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

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<210> 3501
<211> 752
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (752)
<223> n = A,T,C or G

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<400> 3501
gnnttnnnnn nnnnnntttt nanntantgc tcttgttctt tttgcaggat cccatcgatt 60
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agcgcatgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
ttgcgtntctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
caattagggt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
ccttgagtat ggggtgggctt gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatata 540
ttactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
tagtagaggg caccttttga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660
aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

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<210> 3502
<211> 737
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (737)
<223> n = A,T,C or G

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<400> 3502
tacagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga ggaaaacatc 60
taactaagat ggtttcactg gtgaattcaa tcaaatattt aaggaacaca taataccaaa 120
accataacac atncaaatnt atggcccttc agattttgtn cttcttttng ggtcagtgtt 180
aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
catgttggtg gtagcaagcc ctaaccctgt cataaacagg ccttaaataa actggccata 300
aacaggattt ctgcagcaat gggacatgct catgatggct gtcatgcaca ctgcgaaaag 360
ttgttggttt actggagcag ggcaaggaac acctggcccc gcccgagca aaaaactgtc 420
aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
tcagccagag cctgtttctc tgctcctcgc tgagattgct ttgtttccca taaagattgc 540
ttttagctaa tctacaatct atagaacaat gcttatcact gctttctgtc aataaatgtg 600
tgggtcaagc tctgnttggt gctctcagct ctgaaaaaaa aaaaaaaaaa aaaaactcga 660
gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
tggncAACCC nactng 737

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<210> 3503
<211> 738
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

tnaanatcnt	gctacttggt	ctttttgcag	gatcccatcg	attcgcgtec	gctctcattg	60
gctctgctgg	tccagaaagc	agcccaggcc	tttaactccg	ggctgctgtg	tgtggcatgt	120
ggttcatacc	gacggggaaa	ggcgacctgt	ggtgatgtcg	acgtgctcat	cactcaccca	180
gatggctggg	cccaccgggg	tatcttcagc	cgcttccttg	acagtcttcg	gcaggaaggg	240
ttcctcacag	atgacttggt	gagccaagag	gagaatggtc	agcaacagaa	gtacttgggg	300
gtgtgccggc	tcccaggggc	agggcggcgg	caccggcgcc	tggacatcat	cgtgggtgcc	360
tatagcgagt	ttgcctgtgc	cctgctctac	ttcaccggct	ctgcacactt	caaccgctcc	420
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gacccatggc	ttgggggtgc	tgangaaagc	ccanttggac	tggctacccc	ttctggccac	660
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<210> 3504

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3504

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aatatattaag	gaacacataa	tacccaaaacc	ataacacata	caaataatag	gcccttcaga	180
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aacaggcctt	aaataaaactg	gccataaaca	ggatttctgc	agcaatggga	catgtctcatg	360
atggctgtca	tgcacactgc	gaaaagttgt	tggtttactg	gagcagggca	aggaacacct	420
ggccccgcc	ggagcaaaaa	actgctcaaa	ccacaaacga	tagcaggaaa	ggcctgtgcc	480
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ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaa	aaaaaaaaann	nnnnnnnncc	tcgagcctnt	aaaactatag	ngagtcgtnt	720
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<210> 3505

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3505

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ctacatgttg	caagagaaaa	actagcagat	gttctttggc	agccctgtca	ttcagctatt	180
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gcttgtgatt	gtattttgtaa	gttacttttg	atctaaacta	cacagaccga	agttaattgg	360
aattggggtg	tctccttatg	ggaactggaa	gtattttgac	agctttacca	catttcttca	420
tgggatatta	taggtattct	aaagaaaacc	atattaatcc	atcagaaaat	tcaacatcaa	480
gtttatcaac	ctgttttaatt	aatcaaacct	tatcattcaa	tgggaacatca	cctgagatag	540
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atatgcttcg	tggcataggg	gaaaccccc	tagtaccat	tgggggattt	catacattga	660
tgattttgca	aaagaaggac	attcttnttt	gtatttaggt	agtttgaatg	caataaggaa	720
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<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3506

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gaggagaggc	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
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gcccgaacaa	ctaccacttc	ctgtcctcac	cgaaggaggc	cgtggggctc	tgcaaggcgc	300
agatcactgc	catcatctct	cagcaagggtg	acatatttgt	ttttgacctg	gagacctcag	360
ctgtcgtctc	ctttgtttgg	ttggatgtag	gaagcatccc	agggagattt	agtgacaatg	420
gtttcctcat	gactgagaag	acacgaacta	tattatttta	cccttggggag	cccaccagca	480
agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatattttac	tgaaggaatc	540
taggttgat	tttcagtggg	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccg	gagacatgtc	tgcgtgctgc	cacgcatctg	660
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<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3507

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agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctctta	gcataataca	aaatcaaaat	taattaaaaa	gttaaattcta	240
agacctcaaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300


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gtgggcaaag atttcttggtg taatacctga caaacaggca accaaagcaa aagtggacaa 360
atgggatcac atcaagttaa aaatcttctg cattgcaaag gaaataacaa agtgaagaga 420
cacccataga atgtgagata atatttgcaa actatccatc tgtattaggc catttttgaa 480
gtctacaaag aaatacttga gactgagtaa ttataaaga agaggtttaa ttgggtcacg 540
gttttgacagg ctgtcaggaa gcatgggtgct aacatctgat cagcttgtag ggaggcatca 600
ggaagtttcc acccatgggtg gangcaaaag gggaataagt ttctccatgg caggtgcagg 660
gcaaaaanan gggggaaggg aagtgccnca caaccagatc ttgtgagtn cagatttgn 720
ggngggngct tgnng 735

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<210> 3508

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3508

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cactgtccca ctccatcacc caggctggag tccagtgggt tgatcatagc tcgctgcac 120
ctccagttcc tgggttcaag ccaccctcc tgcctcagcc tcccagtag ctggaactac 180
aggtgtgtgc catcacacct ggctttacat tttctgtgg ggtcttacta tgttgcccag 240
gccggtctca aactcctgag ctcaagtgat cctctgccc agcctccaga gtatctggga 300
ttacatatgt cggctaccgt gtctggccgt tcacatctt ggccactatt tgcttgtaga 360
aaggtataat gaggtggtac ttatcattt tactngtct catgtttgt atattttgt 420
ttcatcaact aagatgcact gtaacatctc tgaaatctgg atatattatc aatggtttat 480
catagttttg ttagcaatac actgtctttt agtgggtgct aaaataatgg tatagttgtg 540
aggtgatctt agatttgatg aagcacagta tgcaggtagg cctaattggg gaagatggta 600
atataaaagc aagaagtatt tttttttgt aatgactgaa agctgtctgt ggatgacct 660
ccctttnctt taaacacgat tntntcact ncaactncaa acttgctcaa ctaatnctt 720
aaaaataact tgagc 735

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<210> 3509

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3509

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attcgaaaat cagctgtatc agttggagta gttaccataa gaacctgtta gctagcagtg 180
attatgaagg cactgttatt ttatgggatg gattcacagg acagagggtca aaggtctatc 240
aggagcatga gaagagggtg tggagtgttg actttaattt gatggatcct aaactcttgg 300
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caagcattga ggcaaaggct aatgtgtgct gtgttaaadc agcccctctt ccagatccat 420
ttggctttcg gctgtgcaga tcaactgtgc cctactatga tcttcgtaac actaaacagc 480
caatcatggt attcaaagga caccgtaaag cagtctctta tgcaaagttt gtgagtggtg 540
aggaaattgt ctctgcctca acagacagtc agctaaaact gtggaatgta gggaaacat 600
actgcctacg ttccttcaag ggtcatatca atgaaaaaaa cttttagtagg ctgcttncaa 660

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<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

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 ttggncgagg agtaaangtc gcttnttngn ncntttantt cactncaaata nganaaanga 180
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 tgaccatgta gaagatgaac tttttcctcc tttccacctn cagcctntcc agagagacaa 360
 gatggtgaag gaactgagcc tgatgaagag tcagggaaat ggacacctgt tctgtcctn 420
 caaagagaac agttaaaga aatntcccaa gctggatgct cagagattaa tttcagagag 480
 aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aagggtcatga 540
 ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc 600
 taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt 660
 canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa 720
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<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3511
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 ctgtgctagg ctctgcaaat gctaagaggg ggaagttact gtccctgctt ccaaggagat 180
 catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt 240
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 aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa 600
 gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgtcactttt 660
 ccaagcttca tancacaaaa gtcttctgtc ttcccatcct gacttttncca cttcataggg 720
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<210> 3512
 <211> 772
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3512

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gaagcatggt	ccttgagggg	ggcatccgct	ccctgtggcg	cggcaatggt	attaatgtac	300
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ctggggcagc	aggagacact	gcattgtgcag	gancgcttcg	tggctggctt	cctggctggt	420
gccacaaccc	aaaccatcat	ttaccctatg	gaggtgctga	agaccgctg	accttncgcc	480
ggacgggcca	atataagggg	ctgctggact	gcgccaggcg	tattctggan	aggggaagggc	540
ccgtgccttc	taccgcggta	cctcccaacg	tgctgggcat	catccctatg	cggcatngac	600
ctggccgcta	cnagactctg	aanaactggt	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
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<210> 3513

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3513

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ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
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tgccatttta	ccactccatg	tgctactctt	ggctgtctaa	tccagcagta	accagtattg	480
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gaaaatcttt	taaactaaaa	cttctangtc	agttgtcccc	aggggaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
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<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3514

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tgcttattta	ccactccatg	tgcctactct	ggctgtctaa	tccagcagta	accagtattg	480
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atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
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<210> 3515

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3515

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ttaa						784

<210> 3516

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3516

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gctcagcaga	aagtcaggac	agcangagga	ggaagaaaa	gaaggaaang	aaaaacncag	180
gaancntaaa	aggcttagga	ncttangaaa	cntgcaggcn	ctgaagtgga	attggaaaaa	240

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nccaaaaccc caanccccang aaaangagtc aanganganc aangntaaga gaaggagaag 300
gagaaggatg accaaaangt gaatctgcct gtgtaaaagg cagattttttt aattgcttaa 360
tactaagtca tctgttttnaa atttggtata tgtaagagat tcaagccttg naatatgaca 420
tggaagaccc tgtgctgcac ttaaatatgc ttgcttgatt atttgattttt acatcagagc 480
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gctagggcct attatttttta ccaccattaa ttagttggggg tggagtttac tgtaatgtga 600
aatttcccat ttgaattttt aatggctggc aaagctgntt tagtcttaaa ttcancggat 660
gattgctgaa tcattncacc ctgtatgtcc ttttggnntc atnaaagttt cagtaacttt 720
caaaaaaaaa nnnnnnnnnnn nnnnaa 746

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<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3517

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cggcttttcc tcggcgctctc tgggaacggg tccggcttag taaaaactat gagaaagcac 180
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aggaaaacttg ttccttttgag taagaagggtg gagcgtaggg agaaaagaag agaggaaaag 360
gcattaatag ctgctcagct ggacaattgcc attgagaagg aattactgga gagactgaac 420
aagatacgtg tggcgacatc tacaacttcc cattcatgcc ttcgacaaag ccctggaaca 480
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tgatttttgag gatattggata actggatcca gcagtgatga agatcaggat ggtaaatacct 660
ccatgaggag gaggaagaaa aggccttatg cgaaacacaa angcnaaatg cccttganag 720
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<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3518

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gaaggctatt tgcagatgca gcaagaangc agccatctgc aaggcagaag aagagaccct 180
caccaggaac tgaataagtc agtcagtctg ggacttccac ctctagaact gtgaaacaat 240
aaatttctgt ggtgtaagca actcaatcta tagtagtttg ttactatttt gttatagcaa 300
ccaaagatga ctaaccagac aggttatgtc actcgccaag tgtcttggtc tgtttgtgct 360
gctataacaa aataccttag actgggtaat ttacaaacaa cagagatgta tccagagatc 420
cacagttctg gaggctgaga agtctaaaat caaggcacca gcagattcca catctcgtga 480
aggctcactc tctgcttcac agatggcact gcttgctgtg ttctcacatg gcagaagggg 540
caaacaagcc cccctgggccc tctttttataa aggcactaac tctatgccta aangcagggc 600

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cctcatgact	ctatcaccta	ccaaaaggct	tcactttcttt	atactattgg	angggtagaa	660
ngaacttcct	ttctagacct	tgaaagggtta	agaaatttga	atctattaaa	caagctgaca	720
atngacagat	taacaggaga	aaaagcntat	acatttttta	atgtgggcca	aatggcaaaa	780
gcttaaata						789

<210> 3519

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3519

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tgtacaaaga	ggagagaaaag	aagaaatcaa	aagaccggcc	ctcaaaatta	gagaagaaga	180
atgattttaa	agaggacaaa	atttcaaaaag	agaaggagaa	gattttttaa	gaagataaaag	240
aaaaactcaa	aaaagaaaag	gtttataggg	aagattctgc	ttttgacgaa	tattgtaaca	300
aaaatcagtt	tctggagaat	gaagacacca	aatttagcct	ttctgacgat	cagcgagatc	360
ggtggttttc	tgacttgctc	gattcatcct	ttgatttcaa	aggggaggac	agctgggact	420
cgccagtgc	agactacagg	gacatgaaga	gcgactctgt	ggccaagctc	atcttggaga	480
cgggtgaagga	ggacagcaag	gagaggaggc	gggacaccgg	ggccgggaga	agcgagacta	540
cagagagccc	ttcttccgaa	agaaggacag	ggactatttg	gataaaaact	ctgagaagag	600
gaaagagcag	actgaaaagc	ataaaagtgt	ccctggctcc	tttcggaaaa	ggcaagaaga	660
ngagagagtc	cncaaagccc	ggccgggacag	aaggacccct	ggaagctgca	aggancncag	720
ggaccgcagg	gccaaccnna	ggaggtgccc	cggaggactn	aat		763

<210> 3520

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3520

tnannnannc	annnnnnnnn	nnnnntttga	agccattgct	acttggtctt	tttgccaggat	60
cccacgcatt	cgaattcggc	acgagagcaa	ttccactcct	agctccaccc	acaggaaaatt	120
gaaagcaaaag	acgcaaacag	atgcctgtgc	accaaagtgc	acgggcaagc	atccttcggc	180
cttaaatgggc	agcattccgt	cgtcacaagc	gggcattcat	cctttcatca	atagcgggca	240
gcattccgtc	gtcacaagcg	ggcagcattc	ctttcgccac	aagcgggcag	catcttggtc	300
gtcacaagcg	ggcagcatcc	ttcgccaaag	cgggcaagca	tccttcgtca	tagcggcagc	360
atcctttgcc	atagcgggca	aggtggaaac	cctgtccatc	cactgaggcg	tgcatagact	420
aaacatggcc	agtccaggca	ctggaatcca	ggcccgtaga	acggcgccca	cgggtcaaaag	480
gaatgagacc	ctgatgcact	gggcgacaca	gacgggcgac	acagacttgg	agacatcatg	540
ctaagtgaag	agccaggcac	acggagcgga	cggcgatgat	ctgctcacgt	gatgtgtccc	600
gaatgggcac	gttcagaggg	aagaagggag	atggcgcttg	ccggtgcccc	gggacnnggg	660
ttgggagcga	cggttgctgg	tttgggggtt	ctttctgggg	tgangaantg	gttttgatat	720
ttggnccgtt	ggtgatgttt	gcatacctct	gaatatgctt	aaganccaca	gaattgacca	780
ctttaaatgg	atgaattgna	tggtattggg	aattacccaa	n		821

<210> 3521
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3521
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 gcccggcgca gtggcagggtg cccgtgtcac ggacaggcac ggcccctctg gaccgcttaa 180
 aggtcttcat gcagggtccat gcctcaaaga ccaaccggct gaacatcctt ggggggcttc 240
 gaagcatggt ccttgaggga ggcattccgt ccctgtggcg cggcaatggt attaattgtac 300
 tcaagattgc cccgagtcaa ctatcaagtt catggcctat gaacagatca agaggggccat 360
 ctggggcagc aggagacact gcatgtgcag gancgcttcg tggctggctt cctggctggt 420
 gccacaaccc aaaccatcat ttaccctatg gaggtgctga agaccgctg accttncgcc 480
 ggacggggcca atataagggg ctgctggact gcgccaggcg tattctggan agggaagggc 540
 ccgtgccttc taccgcggtta cctcccaacg tgctgggcat catccctatg cggcatngac 600
 ctggccgcta cnagactctg aanaactggt ggcttaacan tacaagccac gactcggaaa 660
 accaagcatt ctctgcttct ggctgcggac catatcaaca ctgcggcaaa tagccantta 720
 cccgttggcc ttgtccggac ccnatcagcc aaccgtggtta ttccataaca an 772

<210> 3522
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3522
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 gatgaatgtt cgttggttca aatcaagctt tttccaaatg aacaaganca ctggncctta 180
 ccatattttg gcaaggatcc gaaatcaagg gttcttcttt caaagtgctt gccaggggga 240
 atcttgaaaag aagggtaccc cttgcaacaa aacctgggtc cctgtaaacc ctcttcttga 300
 agggaatccc ctgcttgccc cacttggcat tttccaaagt tgccttctct caagaatgta 360
 ttaaaccocg aaccagggtta cttgtcttgt gcccaagacg atcttgggaa acccgcccc 420
 atgggatctg tacttgantg cttgctgagc ttcaccact gagagtttac ctctggagtt 480
 cantgatgac ttggatgttg tgggtgatgg tatgcantgt ctnccttaact ttgctttttg 540
 atccttcact aacccttgaa gatcatttan tcaaagaaat tgcttgaaga cacantggat 600
 attttgggcc anatgcaaat ggctggagat nggtgcagat cccanggatc tcgaaattct 660
 gagaaagctt ttgnaccatt ggcttaaaat ggattggcta ctgcaaatgg gaagccagaa 720
 ccacttttat tanttgatag tttgggggaa catttacttt ggtggattna aattctcgtc 780
 tttaaaagaa gtatttctga acatntttaa caaaaaan 819

<210> 3523
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3523

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cgcgccactg	gtacaggacg	agaacgtgcg	cggggtgatc	accatgaacg	aggagtacga	180
gacgaggttc	ctgtgcaact	cttcacagga	gtggaagaga	ctaggagtcg	agcagctgcg	240
gctcagcaca	gtagacatga	ctgggatccc	cacttggaca	acctccagaa	gggagtccaa	300
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tccaggagtg	ccactatggt	ggcagcatac	ctgattcagg	tgcacaaatg	gagtccagag	420
gaggctgtaa	gagccatcgc	caagatccgg	tcatacatte	acatcagcct	ggccagctgg	480
atgttcttaa	agagttncac	aagcagatta	ctgcacgggc	aacaaaggat	gggacttttg	540
tcatttcaaa	gacatgatgt	atggggatta	gaaagaactc	aagacactcc	tgcttgatac	600
agaacaaaaa	gagcttaaca	ggaccaacan	ggcttaaccc	agacttgacg	taacagaaat	660
gtgccaatag	gtaataggta	attttctttc	tctgacttgg	tttggtttct	ttgaaataac	720
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<210> 3524
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3524

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ggcgtgagcc	accgtacctg	gcccttggtg	gaatctttag	ggttttctat	tcatacatat	180
aaaatcatat	cattggcaaa	cagagataat	tttacttcct	cctttccaat	ttggatgcct	240
tagatttctt	tcccttgcc	aactgctctg	tctagaactc	ccagcactat	gctgaataga	300
gtggcaagag	caggcatttg	ccttgttcct	aaccttagag	aaaaatcctt	cagcctttta	360
ccattgagga	tgatgtttgc	tggtagtttt	tcataaatga	tctatatcag	gctgaataaa	420
tttctatttc	taaaaaaaaa	aannnnnnnn	nnnnnnnnnn	nnnnnnnaaa	aaaaaaaaact	480
cgagcctnta	nactatagng	agtcgtatta	cgtagatcca	gacatgataa	gatncattga	540
tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	gctttatttg	ngaaattggg	600
gagctattgc	tttatttgna	accattntaa	gctgcaataa	acaagttaac	accaccaatt	660
gcttcattta	tggttcagg	cagggggagg	tttgagggtt	ttttaattcg	cggccgnggg	720
ccaatgcatt	gggcccggtc	ccaactttgg	tcccttttag	gng		763

<210> 3525
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3525

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gattatttat	taacatat	tataaatcag	atgagttcta	tataaat	agagaagtga	180
gagtatttat	tttggcatg	tttggccac	cacacagact	ctgtgtgtgt	atgtgtgtgt	240
ttatatgtgt	atgtgtgtga	cagaaaaatc	tgtagagaag	aggcacatct	atggctactg	300
ttcaaataca	taaagataaa	tttattttca	cacagtccac	aaggggtata	tcttgtagtt	360
ttcagaaaag	cctttggaaa	tctggatcag	aaaatagata	ccatggtttg	tgcaattatg	420
tagtaaaaaa	ggcaaactct	ttcacctctg	gctattcctg	agacccagg	aagtcaggaa	480
aagcctttca	gctcacccat	ggctgctgtg	actcctacca	gggctttctt	ggctttggcg	540
aaggtcagtg	tacagacatt	ccatgggtcca	gagtgctcag	aaactcaaga	taggatatgc	600
ctaccctcag	ctactcctgg	tttaaagtgc	agctccttga	gtactcttca	attccttcag	660
gacacttggg	tggaattcag	taagtttctt	ntgaacaccc	tgaanggtgc	catccttaca	720
gactaantgg	agacgtttcc	agatcagccc	aagtttacta	tagag		765

<210> 3526

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3526

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gtacgcgtg	ccaggcatct	gcctccgagg	agtcattaaa	ctccacagct	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggaggt	cagtttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggaacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttggtat	accataaatg	ggcagtttct	600
gaaatttttg	ataaagcatc	aagaactcct	ttttctgaaa	cgttccctct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann	774

<210> 3527

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3527

ggnnnntnnnt	tnnnnnnnnt	ttttaaaana	ancagctact	tggttctttt	gcaggatccc	60
atcgattcgc	tcgagtnncn	aggagacgtg	cagctgtcca	aggctctgtc	ctatgccctg	120
cgccatgggg	ccttgaanct	ggggcttccc	atgggagctg	atggcttcgt	gcccctgggc	180
accctcctgc	agntgnccca	gttccgaggc	ttntntgctg	aagatgtgca	gcgcgtgggtg	240
gacaccaata	ggaagcagcg	gttcgnctctg	canntggggg	atcccannac	tggncttnta	300
atccgggcca	accagggncn	ttccctgcan	gtacctaagn	tggagctgat	gcccctggag	360

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acaccgtagg ccttgcncgg atgctagtc atggtacatt ctggaagcac tggcatccat 420
cctactcaaaa ggctgtcct gccanggaag gacgcacatt cacctgcccc angactgcct 480
ggagaccccc gtatcatcan tggcatgcgg tcccatgtng aaatagctgn gttcatcgat 540
ggacccctgg ctctggcaaa tgggaataccc ttctttcgtc tgccaatggg gtgatantga 600
cttcanggaa tactgatggc ttctacttc caagtacttc aangaggccc tgcagntacg 660
ccctaccgaa acccctttcc ttgnntgggt atgaaaagac acaatgtaat agtncccnaa 720
cccantttca ganaaaggag gaggatccaa cattaatat tanttataaa aagaattta 779

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<210> 3528

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3528

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tcgaattcgg cagcagggtc ttcaaagcca accnagacag gcttagcagt tttagagctt 120
cagaacaaat tgccaaaagc cagagttgtt tatgctagt caactggtgc ttctgaacca 180
cgcanatgg cctatatgaa ccgcttggca tatggggtga ggggtactcc atttagagaa 240
tcagtgattt tattcaagca gtagaacgga gaggagtgg tgccatggaa atagttgcta 300
tggatatgaa gcttagagga atgtacatt ctcgacaact gagctttact ggagtgcct 360
tcaaaattga ggaagttctt cttcttcaga gctacgttaa aatgtataac aaagctgtca 420
agctgtgggt caattgccag gagcgggttc agcaagctgc agatctgatt gatgctgagc 480
aacgaatgaa gaaagtcctg tggggtcagt tctggtctgc tcaccagagg ttcttcaaat 540
acttatgcat agcatccaaa gttaaaaggg ttgtgcacta gctcgagagg aaatcaagaa 600
tggaaaatgt gttgtaattg gtctgcagtc tacaggagaa ctngacatta gaagctttgg 660
aagaggccgg ggagaattga tgatttggtc actgccaaag ngtgttcgag cactcattga 720
aaacatttcc tgttcanaca ggaaaacttt ntagttacta ga 762

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<210> 3529

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3529

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cgcaggcgta ctgacagggt gaccagcgga ctggtggaga tggcgacgt ctctctgacc 120
gtgaattcag gagacntcc gttaggant ttgttgnacg nnnancncgt naaaaacnat 180
gtagnnttt ccgttgaana agggaaagag antnttcttn atgtttctga aaatgtgatn 240
ttcacagntg tgaattctat acttcgttac ttggctagag ttgcaactnc agctgggtta 300
tatggctcta atctgatgga acatactgag attgatcact ggttggagtc agtgctncaa 360
aattatcttc atgtgattcc ttacttcta caattaatga actcaatcat tgctgtctc 420
tgagaacata cttagttggg aaactccttg agtttagcag atttatgtgt ttgggccacc 480
ctaaaaggaa atgctgcctg gcaagaacag ttgaaacaga agaaagctcc agttcatgta 540
aaacgttggg ttggctttct tgaaccagc aggccttnca gtcagtaggt ccaagtggga 600
tgtttcaaca ccaaagctcg agtggcacct gagaaaaaca agatgttggg aaatttgttg 660
agcttncagg tgccgganat gggaaanggt accggcagat ttctccaaa ggccatgggt 720

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acttacacat tgggcattcn aaaactgntc ttntgaccac actaccaggt

770

<210> 3530

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3530

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acggcctgca	gctcccgcgc	gcggggaaaag	ggaagaagtc	ctcccntaca	aagcaaattc	180
ncaaacttgg	aagaagcant	ttacacagga	tgtgcagatc	tcaatggaag	gacacgggaa	240
acgtgaaaaa	gcaaggaagt	ggggacgcct	ccaaaggaac	ccagtaattc	tccagcaaca	300
gatccccatc	caaaagaaat	tcaagaaatg	tcatatagag	aattgtggaa	actgatttta	360
accaagatta	gagggattca	agagacttct	gaaaaagaaa	gtaaggaaat	gtcaacagca	420
attctggata	tggttgaggt	atttaccaac	cagatacaga	gttttccaga	gcacatggca	480
aatgtggaac	tgaagaaatc	actggatgaa	atccaaagta	tactcgaaag	cttcaatgat	540
agactagatc	aagcagaaaa	aaaactctta	aaacttaaaa	tcttgaagct	tttactcaat	600
tcaaataattt	aatgggttgt	ctctggccat	tcangtgaac	aaaatctgct	gggttaattn	660
tttttttttt	tgaaatggga	tnttcgcttc	tgtcgcccac	gcttggaatt	ccattggccg	720
ggaccttngg	nttactgnaa	gcttccgctt	ccagggttnac	gccatttttc	cttgcttaan	780
cttctn						786

<210> 3531

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3531

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acggcctgca	gctcccgcgc	gcggggaaaag	ggaagaagtc	ctcccntaca	aagcaaattc	180
ncaaacttgg	aagaagcant	ttacacagga	tgtgcagatc	tcaatggaag	gacacgggaa	240
acgtgaaaaa	gcaaggaagt	ggggacgcct	ccaaaggaac	ccagtaattc	tccagcaaca	300
gatccccatc	caaaagaaat	tcaagaaatg	tcatatagag	aattgtggaa	actgatttta	360
accaagatta	gagggattca	agagacttct	gaaaaagaaa	gtaaggaaat	gtcaacagca	420
attctggata	tggttgaggt	atttaccaac	cagatacaga	gttttccaga	gcacatggca	480
aatgtggaac	tgaagaaatc	actggatgaa	atccaaagta	tactcgaaag	cttcaatgat	540
agactagatc	aagcagaaaa	aaaactctta	aaacttaaaa	tcttgaagct	tttactcaat	600
tcaaataattt	aatgggttgt	ctctggccat	tcangtgaac	aaaatctgct	gggttaattn	660
tttttttttt	tgaaatggga	tnttcgcttc	tgtcgcccac	gcttggaatt	ccattggccg	720
ggaccttngg	nttactgnaa	gcttccgctt	ccagggttnac	gccatttttc	cttgcttaan	780
cttctn						786

<210> 3532

<211> 783

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3532

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gggacggcct	gcagctcccg	cgcgcggggg	aaaggggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattctgg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtataactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaatgggt	tggactctgg	ccattcangt	gaaccaaata	ctgctgggtt	660
aatttttttt	ttttttgana	tggaatctng	ctnttgcgc	ccagcttgga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttcgcgttc	caggttcacc	cattnttctg	ccttancctn	780
ctg						783

<210> 3533
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3533

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gggacggcct	gcagctcccg	cgcgcggggg	aaaggggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattctgg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtataactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaatgggt	tggactctgg	ccattcangt	gaaccaaata	ctgctgggtt	660
aatttttttt	ttttttgana	tggaatctng	ctnttgcgc	ccagcttgga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttcgcgttc	caggttcacc	cattnttctg	ccttancctn	780
ctg						783

<210> 3534
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3534

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aaaggataaa	tcagtagtta	acactttttc	tacaaagaaa	tgggtgtgcc	tggatgggtc	180
gtgtaggtga	gttttccaag	gattatggta	acaaatgagt	gagacctcta	tggagaaaat	240
attgaaggac	attaaagaag	acctcataaa	tggagagaga	tatatcatta	atggataggg	300
aagcctcaat	ggcataagta	tgtcagtttc	tttcaaaact	cacctatgga	ttcaatgtga	360
ttccaaacca	aatcccacaa	ggtctttcct	ggaattggaa	gccagattct	gaaatgtatt	420
tggaaaagta	aagaggcagg	gttagctatt	tcattaacaa	agaagggaaca	tcaggcaggg	480
agacttgtgt	tattattaag	gcttattata	aattattatt	gtgatcaaga	tagtgtattt	540
ttgggtgtaga	gatagttaaa	ttgccaatgg	attgagccaa	atttncaaaa	cagaccacaa	600
aataaatgaa	ctctaattta	caacagagac	agtactgcag	atcatggggg	gaaaggatga	660
actattgagg	gattggcaac	ttttttggta	aggctanaca	gccttacgtg	gggtcacagt	720
gtctgtggaa	ntaggcacct	ctgctgnggt	attgtaagan	cactntganc	at	772

<210> 3535
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3535

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tatactttgt	atthttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tgthtttttt	cttcaataga	ctggtggaac	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgcttttatct	aggcaactct	ttaaattctt	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaattg	actgtttggg	agtaagttgc	agacattgtt	cactttcact	480
cctaaatact	taaatatttc	ctaaaaacag	gacattcttt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cgggangctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	cggttgga	aaaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3536

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tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac      180
cacgcaacat ggcctatatg aaccgcttgg catatggggg gaggggtact ccatttagag      240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt      300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg      360
accttcaaan ttgaggaagt tcttctttct cagagctacy ttaaaatgta taacaaagct      420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct      480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa      540
atacttatgc atagcatcca aagttaaaaag gggtgtgcac tagctcgaga ggaaatcang      600
aatggaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt      660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca      720
ttggaaaaca tttntctgctc cagcngggaa aacttatggt tacttggn      768

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<210> 3537

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3537

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agctctatgc ctttcgggct gctcatcccg ctgggcctcc tgtgtgcgct gctgcctcag      180
caccatgggt cgccaggctc cgacggctcc gcgccagatc ccnccactac aggggagcga      240
agtcaaggcc atgttctacc acgcctacga cagctacctg gagaatgcct ttccttcgat      300
gagctgcgac ctctccctgt gacgggcacg acacctgggg cagttttctc tgactctaata      360
tgatgcactg gacaccttgc tgatttgggg aatgtctcag aattncaaag agtggttgaa      420
gtgctccang acagcgtgga ctttgatatt gatgtgaacc ctctgtgttt gaaacaaaca      480
ttcnagtggg aggaggactc ctgtctgctc atctgctctt caagaangct ggggtggaag      540
tagaagctgg atggccctgt tccggcctnt ctgagaatgg ctgaagaagc ggccgaaaac      600
tcttccaacc nttcaaacc cactggcatgc catatggaca gtgaacttac ttnatggggg      660
gaaccacagga aaaaccctg tcacctgtcc ggaaggattg ggaccttnat ggtgaattgc      720
cacctgacag ctnntggtga accgtgttca anaan      755

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<210> 3538

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3538

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gnntttgaaa nccctttttg atncctcttc tacttggttct ttttgcagga tcccatcgat      60
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cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactgggtc ttctgaacca      180
cgancatgg cctatatgaa ccgcttggca tatgggggtg ggggtactcc atttagagaa      240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta      300
tggaatgaa gcttagagga atgtacattg ctcgacaact gagctttact ggagtgcact      360

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tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtccatg	tggggtcagt	tctggctctgc	tcaccagagg	ttcttcaa	540
acttatgcat	agcatccaaa	gttaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	ggtgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtggtgcag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3539

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attcgaattc	ggcacgagac	taccccggt	acgggtcccc	catgcctggc	agcttggcca	120
tggggccggt	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccga	gatacctcct	180
actaccangg	ggtgtactcc	ggcccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggttaact	ctggcacccc	ggatcgagga	caagtgcagag	agcaagtggg	ggtcgagact	300
ttgggggagac	ggtgttgtag	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
caccccccaag	acagcagtct	tcttaccgct	tgtagcccggt	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccggtt	tccactactg	tgtagactcc	tgcttcttca	agcacctgca	gattctgatt	540
ttttgggtggt	gtgtctcttn	cattgctgtt	gttgcaggga	agtcttactt	aaaaaaaaaa	600
aaatttttgtg	agtgcactcg	tgtaaaacca	tgtagtttaa	cagaaccaga	ngggtgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3540

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tttggattct	tacatgaaac	gattcaagtg	gcncattggt	aaggcctaan	ggaccacgcc	180
aaaanggggt	cccaacttat	ttaaagggtat	ttcaagtacc	cttccaaaaa	ngttaaatgg	240
catttaagac	actttcanga	atgggttaaac	tggcttctaa	aacaaaaaact	ccctaaagtc	300
tggtccttat	gcaatatata	ttntaatat	accatatata	ttttttacca	taggaataact	360
cacaaaagtg	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctagggtg	420
acaatatcaa	acaattcagg	ggaataattt	tacttttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atttctgtca	tctccaacct	aagatatttt	ttagattgtc	540
tccctattct	ttgattcaaa	agccaattac	agaaactatg	aacttgacct	aattctggtt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
attttttaaat	tcattcatct	ctatgatgat	ggtgctttca	caactgcagc	tctnctgtat	720

gtcaaaatca ttctggttnc aggtaaatgg acaaanggag atttgccttc agtgtctaaa 780
aggcaatttta cttttcaagc tgncttaatt acctatgggt 820

<210> 3541
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 3541
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ttgttccttt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg 180
taattccaag cccccaaaat atggttaaaa agattttttt tttaatcatg aagagaaaat 240
tagtagcatt ctttctctcc cattatttat tggttttcct cactaatctt ttttttttta 300
gtccaaaagc caaaaatatt tatcttggtt ttacatttta atttccattc ttaattgtaa 360
tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac 420
aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc 480
ttatgtctct tgntgagttt tatattttca gtggttattt ttgcttgngt tagatcatta 540
ttaaaatata tccaatgncc ctttgatact tgnctctcgc tgagaatgtc cagtttgcac 600
taaacatccc agtctcatcc ttcaggaatt tgcagtcaat gagaagangg agacaaaatt 660
aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaac attctccatc 720
aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggn 767

<210> 3542
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 3542
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tcattaagca ccacagggtt cactctggag agaagcccta taagtgcagt gactgtggga 120
aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa 180
aaagcctcac gttgtggtaa atggtatgtg ggaaaagccc tttagttata gcttcagtgc 240
tcccgaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg 300
aaggccttca gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag 360
ccctacgctt gcacgagtggt gggaagacct ttggtcgcag ctccaacctc atccttcacc 420
agcgagtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc 480
agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta 540
ccagtgtggt aaagccttca ccgaagctca aatctcattc accaccagaa agttcatact 600
ggggaaaaac cctacacctg tgttgaatgt ggtaagggct tnagccagag ctacacctna 660
ttcagcatca gataatncac acgggcgagc gccctacaa atgcatgagt gtgggaaagc 720
cttaatcagc gtctgncctn atcancacca gaggattaca ctggg 765

<210> 3543
<211> 734
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3543

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ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaatttttatt	ctttgggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttgggaacc	tatagttttg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaagggtta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtg	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaaag	caaccattag	taatattttt	tgaagttccc	tacctgggta	attttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtc	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 3544

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tcagaacaaa	ttgccaaaag	ccagagttgt	ttatgctagt	gcaactgggt	gcttctgaac	180
cacgcaacat	ggcctatatg	aaccgcttgg	catatggggg	gaggggtact	ccatttagag	240
aattcaagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	300
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	360
accttcaaan	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	420
gtcaagctgt	nggtcattgn	cagagagccg	gntcagcaag	ctgcagatct	gattgatgct	480
gancaacgaa	tgaagaagtn	catgtggggg	cagttctggc	tgtcaccaga	ggttcttcaa	540
atacttatgc	atagcatcca	aagttaaaaag	ggttgtgcac	tagctcgaga	ggaaatcang	600
aatggaaaat	gtgtngtaat	tggctgcagt	ctcaggagaa	gctnnaacat	tagaactttt	660
gaagaaggcn	gggggagaatt	gatganttgg	ttcaactgcc	aaagtgtgtg	cantcactca	720
ttggaaaaca	tttnctgctc	cagcngggaa	aacttatggg	tacttggn		768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (10)

<223> n = A,T,C or G

<400> 3545
nnnnnnnnnn

10

<210> 3546
<211> 936
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (936)
<223> n = A,T,C or G

<400> 3546
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aaaatatnta gtngaaacct tgtatatatt ataaacttag ctttgtaata ttaagtatga 180
aagcagcana natagatagt ctccagaaga gaagaaaatg tataaatnct tggggagagc 240
tgtgataaan ngactagact tacctttgag ttcctagccg atccctacct gacagctttc 300
ccagctggga aaaatctgct tgggcaaggg aaagggggaa tatgattatt ggangaactt 360
cccaccttat agggactggc aagaggggat acatgaccag ggaatgaacc ataaaaggga 420
gagaaatttg acattttaa tttacangga attaatgaat gatctaagna taatttgaaa 480
gattttgaaa naaagagcca aatccgagga aagatgtaag gaaagtgatg gggangggaa 540
aaaaaattat gggatggt naaagagcca aactcttcta aagttaatgg ggggagga tccaanggac 600
caccaagggt aaggtttaaa gaaggggaaa gganccaaag gaattttaan ggaacccatg 660
gttttttcan cccccagaa caggggagaa anccaaang gaaaggaaa gancgggan 720
ggcttgagc ccnccagggg gggcttncac cgnccctggt taattcccc acccnccttt 780
ttgggggaag ggcccaaang gccggggttg aatccancgn angggccng ggagaaatng 840
gaccancca tncnngggc cttaaccacc gggggnaaaa cccccctct tnttacctta 900
aaaaaatccc caaaaaaaa acccgccang gggcat 936

<210> 3547
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G

<400> 3547
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atacagttcc ccacattgaa gttgggaaga agatatatgg agagcagttg aagacataag 120
gggctctggg gaacagcata gttttgcttt aattctccag cttgttctca gtaagggtgg 180
aaggagaaag agaggaagta tcgattttac agacgtcaca tcgtactgct aagaacagac 240
agaaaacttg ttgtaataac ccgtacacac tgtaggagaa ctaaggaggc ccctggtgta 300
gcaatcattt tccaaggat gacggattgt gaggcaggaa ggtgtgaaaa gaggcagtca 360
tttatataat tttggggttt ccgctgagga aacctgagtg aactcacttc agatgcattt 420
ggaatatttt aataaaaaat acttgatttt ggctgctgca ggaactgctg gaagaaggaa 480
acaatcctag aattggcata aaaacacact gactcattac tcctctttgt tactattagg 540
catcagagat acatgttttg ttgatttttag ttacagaaat gagacaaagt tgaatctgaa 600
tacattggct tncctgttca aggagctcct cttggatata atagctattt catgaaactt 660
ctttagagaa caacctgat acttccaaca agctatttta gaaacaaaa ttatgctgga 720
tctaattact cctaaaatgg tcattttcaa tgaatattgc actgattct 769

<210> 3548
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (883)
 <223> n = A,T,C or G

<400> 3548

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ttacttcttc	tcctgccatc	agattcttac	cttgattgaa	aagccatgtt	aagtgcagg	180
caaattcttt	acgtctttat	acagagatta	acaatctctg	ggtgatggga	gcgttaagt	240
attaaccttt	gtcactagta	natgtgggag	gttagaaaag	tgctgccctt	tttgggtctc	300
agtcctcag	ttctgcaatt	acaggcagcc	tcattattng	gncaaata	tgtaaaattg	360
atancncata	tccaattaaa	aaggatggt	agngggcaaaa	aaaaaagaga	gagagattga	420
ttatnaccta	gtccttgata	gcccacagc	gngaatatag	tccataataa	ttggattggn	480
cattggataa	taactaaaac	cnaattgga	ttgtccgaac	acaaatatta	agcttgagg	540
gatggatacc	ccatcttcca	tggacgtgga	ttattactga	tggcatggcc	tatggcaaaa	600
atatctcatc	tgnggcataa	gccccaaact	aaggtncctc	ccaggaatta	aattnaccaa	660
nnnngccctc	cgagnccctc	taaaaaccta	ttagnggagg	tccggtant	acccgtagga	720
atncccgac	ccttggaatn	aaggaatacc	catttggtt	ggaaatttt	gggacaaaa	780
nccnccaaa	cctttagnaa	atggcccngt	nggnaaaaaa	aaaaaanggc	ctttttaaat	840
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<210> 3549
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (768)
 <223> n = A,T,C or G

<400> 3549

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cctggaggaa	gctaaactca	gaccaaggcc	ctgggctccc	caggagttaa	aagggaatac	180
gctgtcccaa	gattctagaa	tgaagagtca	acgtagcccg	agtggcttaa	acctcctgtc	240
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tttcaacagg	tcatgcctgc	ctcagacccc	agggacaaat	gttcttccag	ctctaactca	360
ttctatgctt	taagcttttg	acctatcttt	gttttcccag	tgccacacca	aatgctgcct	420
ggggatctct	ctttcttcc	gagttcccat	ataagaagcc	ccccatttaa	gaattcagtt	480
ggaatgggtt	gtatttcaaa	agttgctttg	caagttagtt	atttggtatt	caagttgcat	540
tttaccagg	taacaatatt	ataatgattg	gttaccttcc	cagagcaatc	cagaaatgcc	600
cacataaccc	atgtcacacc	tgaaccaccc	tgagttcttc	tatccttgaa	cctcttaagc	660
tttnccctaa	ctctaacagg	tctcatgggtc	cactcaaggt	gtttcatgct	tctcaantac	720
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<210> 3550
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3550

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ctgtattttta	taactattaa	ggaatggtgc	agagaaatgc	tatcaattgt	taaaattttg	180
ccatgaatac	agcagcctca	ctgaattctc	ttagtagttc	taatagcttg	ccatttgatt	240
ctaacagggt	ttctatgtaa	aagatgggtg	catcttcaaa	caatgatagt	ttcatttctt	300
ctctttcacc	tcttaccttc	cttggtgttc	tttagcattg	ggcaggctct	tcagggatat	360
gtgaaacagt	ggcagtaaca	accagacatc	ctggcctctt	tgTTTTTTTT	tccatgatga	420
agtctcactc	cgttgcccag	ctggagtgc	gtggcacgat	ctcggtcac	tgcagcctcc	480
acctcccggc	ttcaagtgat	tctcctgtc	aaccccccaa	gtacttgga	ttacagggtcc	540
tgccactaca	cccgactaat	ttttgtactt	ttagtaaaga	cagggtttca	ccatgttggc	600
cagctgggtg	agaattcctg	acctncagt	atccacctgc	ctcgtcctct	ctaagttctt	660
ggattacaag	tgtgagccac	cacgcctgcc	attgnngcct	ctttattggg	cttcttgaaa	720
atgccctgaa	gtgtcttaat	acacataatg	ttgctgtaaa	ncaatgatt		769

<210> 3551
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3551

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ggtcagggag	gaaagccaag	atggaaaatg	gatgggaatg	aatgaggaac	atgatgtggg	120
ttgggggtgt	aattcatggt	taatacaaca	tgtgtggctc	agtataacca	gattgtcata	180
agaagctcag	gcagctctcc	ccctctgttg	cctggggctt	ttcgcagtta	caataaaagt	240
ggaaagatga	agaataaggg	caagcagaag	acacacacat	ttgcctgttt	ccctcttttt	300
gtccagattg	agtagatggg	aggcagggt	gttaccatg	atgggtgttc	ataccagagt	360
caatctacta	gtttgcttgg	ttttatagga	gtgattccca	aattttgaat	ctgaagttag	420
ctgtcagttt	aaattcagag	ggtccgcagt	tgTTTTtcag	gtttttcttg	attctgcctt	480
tggaaccag	gaagatgttg	aatttacttt	tcatctgaca	atattgcaca	tctgtgaacc	540
caactgatct	gaaagtgttt	acctcttaac	tctgtgaagt	tagctgggta	ttctggatgg	600
ctgggacaat	ggtgaggacc	gttataatgg	ttactctcac	ctgtgtccca	gacgtccac	660
ttgggtgctag	aatcacagt	gaacaaacat	ggttcttgcc	tccacacact	tgcagttant	720
agggcagact	gacgacatta	aaaagatcca	tcgggggtgg	ataat		765

<210> 3552
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3552

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ctggccgagg	acccctccca	cccctgcctt	gccggccctt	gcacatttag	gatatgctcc	180
tgggtgggga	ctgggctgtg	cccagggcct	ctgtccccc	ggatgtcttg	tggtaggggt	240
cggccgttct	gccccccagg	gcaccccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
ggtgaggctt	tgacccccag	cccctgcccc	agccactgtg	agggtgggtg	ctggctgagc	420
ccccggggga	acangagcca	agcangtgat	gtctttgttc	tcggctccca	cagcagaacc	480
aggtaggggg	gcgcctgcca	nggccagacc	caagtggggc	agcctgaacc	tgttcccctt	540
gtggccggga	tgccccgata	tttacacact	ggtgaccctg	aaagaagaag	gaggaaggaa	600
ccttgcnngg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtngcttgg	660
aacttggggg	ctgtttacct	aataaaaagtn	cccacaagtg	ccctnantta	aaaaaaaaaa	720
nnnnnnnnnn	nntnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnttt	780
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<210> 3553

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3553

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gataacactg	agaaaggagt	atgggtatact	tggtttgaac	tgtgtgctac	actaccaggc	120
cccttccaca	ttatactact	aattttattta	aaatagatag	gtatcacact	gagaggatat	180
aaaaaaaaatt	tctgcctctt	cattttttgtt	tcttgtttga	acagaaaaaa	tgacccaaat	240
attgggagta	cttctaagga	aaaggcaaca	cacattccag	ttaacacttg	gatgtgaaaa	300
tatcaatgaa	tattagaatt	tataagtcaa	actggctctg	ctcgctgatt	gcaattttta	360
gttacattca	ctattttgtg	ctaaatttaa	gtcattggta	tacgactggc	cagagtccct	420
ggttttaaac	attactgaga	acttttatata	tactcttaat	gggtatttta	tataatgtcg	480
aatgaaactt	ttatttttag	attttttaaaa	aatattttgc	actttggact	taattttaca	540
ctaaattgta	tcagccagcc	taagggcatt	atgctaaatg	taaatctagt	tcttgggttaa	600
gcttttattg	aaagatangt	ggtgctgtaa	gttaatatat	tgtagtgaag	gtgtggggaga	660
aaagttaa	tggcacttaa	atcttanttt	tcaaggaaaa	cgtgtcccg	acatactgca	720
ttatgatgga	cttgtctcan	gtgaagtga	gaagtgaag	aatcaagtgt	atggc	775

<210> 3554

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3554

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ggtatactac	aatatgattt	aactgttatt	ttggggataa	atagtagaaa	aaagtgaaac	180
agaatgaagg	cagggtgttn	ttattctaat	gatggaataa	tacagagata	ctggacgata	240
tctagcagtt	aattattgtg	acccatataa	aattatacac	gtcacagtat	aattctctat	300

taccgntttt	acaccagtaa	gtcttagata	aactaagcat	gcttatgaat	tatgtatata	360
gtagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgccct	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacgggtg	480
ctcacgccta	taatcccagc	acttttggga	ggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaccccn	atctctataa	aaaatacana	600
aaattanccc	angtgtcatg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcggtttt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccena	aancctgggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aacaaaaaca	aaaaacatca	gantantggg	ttggngaagc	cnanttgc		828

<210> 3555

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

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ctcgccnaaa	canataggnc	ggggcgcat	acatgattct	gncttaacga	agatagaagc	120
atnttattgc	ataagttttc	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
aggggtatgc	atccgggtag	acgtttgtgt	gtggacatgt	gtgtacaggt	atataagtac	240
atgtgtcata	gccttggtac	aggtctcata	gccttgacgc	actgtgttcc	tggcggggagt	300
ggcatcngtc	tgcatgtctg	aaaatgccac	gtgtgcattc	tgctgatcac	caaggtnngn	360
ggctgtaggc	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgtn	480
tgnttttaag	naccaannnc	gattgcccac	tgccaantac	agaanagact	tcntttgggtg	540
agtacangna	tgagngactt	ctctccnnng	gncnnnctat	aatgaactnt	cngaactctg	600
acttcncgca	ncagtcncnc	ggactcccct	ganctgggct	nnttccgctc	cccacannga	660
aatnangcnn	tnccccattc	cccaaangnc	gnccccccnn	ctnccncccc	nncnccccac	720
ccnccnccnc	ccnccncccc	cccncccncc	cancnccnnn	cncnccnccn	nncnccnccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

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cgcccagctc	cgaggttggg	gcagccccgc	cgggcaactt	gaatttctgc	aaacgaacac	120
agcaccggga	gctctgcaga	cctgtgtcgg	cgcggaaccc	ggactgagac	atgccttttg	180
aactttctcag	atagaggaac	cccagtgaa	actgatcagt	tcttacaatt	ctcaaagcat	240
ggcccataaa	tatgtgggtt	tgcagtatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggt	gtcaatggca	ggacattccc	gttctaaacc	420
acatgtgatc	gccttattgg	aacaatggaa	agagcctgaa	gtgacagtga	ggaaagatgg	480
aagaagatgg	tgcacaggat	aagaaagctc	cagtctacaa	acaaaacatg	ccagaagatt	540

tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgataca	600
atcggctgta	aagaaatgcc	cacctctgaa	aactgtccat	cttttgcctc	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
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<210> 3557

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3557

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catttattga	agagacaacc	ctttcctcat	tgtttgcttt	tggcattctt	gtcaaagatc	120
agttgtccat	aaatatgtgg	ctatatctct	gggatctctc	ttttgttccc	ttggtctaca	180
tgtctgtttt	taatgggagt	atcatactgt	ttctattact	gtaattttga	tgtatatttt	240
gaaatcaaat	agtatgatgc	tgctagctcc	attctttatg	cttgagagtg	ctttggctat	300
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gtattcaaca	aattcattat	tattattatt	antattatga	ttattatcat	tattattgag	540
acagagtctc	aatctgtcac	gcaggctgga	gtgcacgatt	tccggtttact	gcaacctctg	600
cctccggctt	caagtgattc	tcttgccctc	ngctcccaag	tagctgggat	tataggcacg	660
tgccaccacg	cctggctgaa	taattggatt	tttagtagag	acngggattt	taccatgttg	720
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<210> 3558

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3558

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gcagctggca	gggaagggcc	atgaggcagt	agagtcccta	caggccaaga	aactgagcag	180
aacctatgcc	tccagctcac	cagctgcatt	gaagccccca	gctggcaggg	agactgctgt	240
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tcacatgacc	aaggatgcca	ccaaggaggc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctgggtc	agaatctgtt	ccacaggatc	480
tctttcaaat	gtctcagata	atgctgggtg	tcaagggagc	cctcttgtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcaccaggg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
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accactgtcc	ttcgagcagg	anttaca				747

<210> 3559

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3559
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 gaatgtagaa attagtagga aagtgaatgc ccactagggtg gaaacctgaa agcacgggga 180
 cctgcgatct tgtttactgt tatattcctg ctgcgcagct caggggtctct atgtaaaaaa 240
 tgagtgaatt tattttctag ctggtgccta caaaataatc tgcaatgtat ccatactggt 300
 ttattaatgg taacaaatga accgtactaa tatgagataa taggggaaac tagatatgga 360
 gtgtatggga attctatctt tactatttct ggaaacctaa aactactcta aaatagaagg 420
 tttatgtttt gaaagcactc tgctcattgc gctcttgtct gaaaagtga gacctggcctc 480
 aagccacttt gagtatttct cttctgccag ttaattatct taccattgcc tctcagtgat 540
 attaagagaa aacccatcct taacattttt cattactttt taggttcaaa atgagcctgt 600
 ttggaacaac ctcagggtttt ggaaccagtg ggaccagcat gtttggcagt gcaactacag 660
 acaatcacia tcccatgaag gtccacgaaa agctttctgg ggcttgtagg aagaagtttg 720
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<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3560
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 cccaggtttg aagccagttg tggcctctta ctaggatat tattgagtct ttcagctctg 180
 tttcaaaatc tagaaaatga gttcagtatt acctgtttaa atttgtgaat aacgcattga 240
 tgtacacctt ggattcccta aaactgtctt aactgcgtga gtccagtgga ctcagtgcct 300
 gagtctaaat ccttagactt ctatcagacc ttctcccta gcagtttcat ttgctcttta 360
 aatacaaaaca ttggacactc atgcagaacc acagaaatca tgtagacaaa ctagaaatta 420
 tcgtgcactc acaaattata gcttccatta ttaggtaata catgctaaac cctagcaaac 480
 attaagtacg tgaactccta ttactaaata gtaatcactc aagtaaaactg gacaaaatgt 540
 cttacggagg gtcacatctc atgtgaaatt aaaccatggt gcaggcagtg ctacacctga 600
 gatttttacac aggtattttac atttcttttg cttttgtggc aatatgtgcc tgттаagata 660
 ggctattaga gaactgggca atgagnaacc ctacacnta aagtacaagg aagnnatgtg 720
 ccatatcagc agattttttg cttatttagt tagtaatgaa tcctcaaact ct 772

<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3561

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ccagtgacca attctaggat gaccagaaga atgattccac tgggcttggg agtggttgct      180
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gagtcagtc ctaggagcagct actgtcagcc ttcagttttc cccacagact gtgttcctgg      300
gcctgaatcg ctcagactac atgttccagc gcagcgcaaa tggctcccca ncctgaaaca      360
gatcgaatc aacaccatct ctgccagctt tgggggcctg gcctcccgga cccanctgt      420
gcaccggtg gtccccctggg cagncctggg catacctgtg gggtgacatg ctgatgggtg      480
tacagtcact ggctaggcca gggaactcca gctatgattg tgcttttctg ggccccgggt      540
cacatgttgc ccctgnccac cccgacagca gttnnactt gtaatgagat ccttggtatg      600
tcaaggagaa aaaggacctc atagctcatc tagtgctgtc ctccattgaa caggcagaag      660
gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct      720
gngcctggtg catcatttct accagcattg atgctccagg ttcaatgatt t              771

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<210> 3562

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3562

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tcgattcgaa ttcggcacga gggacaaaaca gtggcaaaac aacactggct aagaatttgc      120
agaaacacct cccaaattgc agtgctatat ctcaggatga tttcttcaag ccagagtctg      180
agatagagac agataaaaaat ggatttttgc agtacgatgt gcttgaagca cttaacatgg      240
aaaaaatgat gtcagccatt tctgtctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga aagtgtctgag gaaattccca ttttaatcat cgaagggtttt cttcttttta      360
attataagcc ccttgacact atatggaata gaagctatct cctgactatt ccatatgaag      420
aatgtaaaag gaggaggagt acaagggtct atcagcctcc agactctccg ggatactttg      480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc ttntgaagt gaattaggaa actccnagga gtaatttaag accttnacca      720
agatncatgt atactgnggt acaatgacag ccatggttca tatggttgat ttttattgcn      780
catggt              786

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<210> 3563

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3563

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ttaaactctg	gccngccntt	cctaattctc	agaccaacaa	gtagtgtttt	cccattcgga	180
tcgcttanca	naaaatgagg	agagtcttgt	ggccatcanc	tttattgnaa	gccgaaccac	240
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ggccctgcn	aatncaactg	gacntgggg	atactcactg	aagaaggtgn	atctatttag	360
gaatgcaaat	tgtcttncta	ccccagacnc	cccaacaana	aanacttggg	gtgganggtg	420
anatatnnca	gccagnaana	aacngtttgc	atntntcctt	nttggttnga	caaagacntg	480
ntnccanatn	gtcctcaaag	gtacataaat	acanacatat	gatatttgtg	tatatataaa	540
cacatatgt	tagtaanatc	cnncttttac	cttggggnga	gacttgaaga	aacnccagcc	600
ttcttttctag	agagcctctg	cttctgggtat	tnacctgtca	caaaagccca	tacctgggtg	660
tcaaaccctt	tccttgtaac	tganggagng	catnttacga	atatggngt	agagtaaagt	720
agccaagtgc	ntatnggaaa	atttaagccn	gaaaaannna	attannaaaa	attccnaaaa	780
cagcccaata	atctnnaggn	tggggaaann	aaaaaccgcn	ntnnggttnt	tttgtntt	838

<210> 3564

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (676)

<223> n = A,T,C or G

<400> 3564

aacctnttta	cantcactgg	tctttttgcag	gatcccatcg	attcngtgaa	gtggagatat	60
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gtctgtgggtg	atttatgtgc	atcagataag	acaaccacct	ctcccagnct	cgtcagactg	180
gtctcataca	ggagaaagat	ctcaacaatg	tatccngcca	gagattttta	gggcttctnc	240
aatctcaaaa	acagactgct	atatctcctt	tttgtggccc	actggagcnc	ataatgtgnt	300
atgtcctgtc	agaaccctca	tgaatagnat	ggtaggagca	agactcttta	gacatanctg	360
aaaagcttac	ttggtggatg	tgtgtatgca	gntccttcta	tcttcanggn	gaagttganc	420
aaagatgttt	atctcccact	attctgtcta	acccgaaaga	natatttgtc	tccattcagc	480
tgcccctctg	tcctggggag	aaagtagngg	aaggggcccc	tctgtgtcac	ctcttgnttc	540
tgnnggtatc	tctcantggn	tctacactta	tanctaata	ttttcaagnt	ctgtgcggtg	600
gtgcctcaaa	cagngtgaat	atccatnaca	ggtggggggg	cncgaagggt	ancataactc	660
ctcatatgan	anntat					676

<210> 3565

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3565

tntnnchnntt	tgaaaccttt	tatacaagct	acttgttctt	tttgcaggat	cccatcgatt	60
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aggtgagctt	atcaacgtgc	attcagaaaag	tggttatgat	tacaagaatg	aagatatccc	180
agagggaattg	acattgtcag	aaaacttcac	attaatcgaa	ttctcagaga	tgtctcacia	240
cattgaaagc	acaaaagatg	aaatgttaga	agctgggtgca	cagtaaggat	aaaggagtat	300
ggcagttcac	caaggcatgg	aaaagatgcc	tgctccatat	tgtaagtta	tacagtgaga	360
agaaggaggc	gaacatagtt	cagactactc	ttggtaggtt	tttaccaaaa	aataaaaatat	420

tttaagctca	atatttttga	cattgcaatg	tacttttaaaa	gatgctggga	ttaaaggcgt	480
gagccaccgt	acctggccct	tggtggaatc	tttaggggtt	tctattcata	catataaaaat	540
catatcattg	gcaaacagag	ataattttac	ttcctccttt	ccaatttgga	tgccttagat	600
ttcttttnt	tgcctaactg	ntctgtctag	aactcccagc	ctatgctgaa	tagagtggca	660
agaacaagca	tttgccctgt	tnctaacctt	agaaaaaaaa	tncttcaccn	tttaccattg	720
angatgatgt	ttgctgttag	tttttcataa	atgatctata	tcangctgaa	taaattctat	780
t						781

<210> 3566

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3566

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agagtcccag	gtacatatta	aagcaagcct	tcatacatgt	tgcccctcta	tctaaaagcc	180
tcttcccact	cctttccctt	tacctggtaa	tcctgttat	tccttagatg	cctgctttaa	240
agagatttcc	tttggtaaat	caccctgaac	cctcagacta	gtccagacct	ctctttgata	300
tttccctctt	gacattcagc	atztatccca	attgaaagta	ataattacat	ttgtgtagtt	360
attagattat	ctgtcttctt	tagtaaaaag	taagcttatg	ggctgggtgc	catggctcat	420
acttataatc	ccagcacact	gggaggctga	ggcaggagga	tcacttgacc	ccaggagtct	480
gaaaccatcc	tgggcaaacac	agaaaagatgc	catcaatacc	aaaaaaagga	aattaggtga	540
gtgttaagg	gcaccagcca	ctctggaggc	tgangtgga	ggatcacttg	agcccgggan	600
gtgggaggat	cacttgagcc	cgggaagtgg	gaggatcact	tgagcccagg	aggtcgaact	660
gtagttagct	gtgatcatgc	cactgcctnc	acctgggcaa	cagantgaga	ccgtgcctca	720
aaaaaaaaaa	aaaaaaactc	gagcctntaa	actatagtga	gc		762

<210> 3567

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3567

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tgcagtgcaa	tactccttct	ggtgtathtt	atccattatt	tcacttgctg	gtcgtcattt	180
cacagccagc	tttgacatgc	ccgtgaggac	aggagccgcc	gcttcagttg	tactgcaga	240
gccatcgtat	gtcagttgca	atttccatct	gaagctatgt	ctttgacttc	actttaagca	300
gaaaattttg	taccctgggtg	gtcgagtctt	cccttaaaaa	ttgttaaate	atltggcttt	360
aatgggtcaa	taatttgggg	tggttctcat	gtgtttcttt	tcttcccagt	ttaaaaaaa	420
aactttttta	gcgtaaaate	tttaaggggt	acacatttat	aagtctggct	aatttcta	480
atgctaatta	aacatttccc	atlttaaggt	tatatacagt	gaggctcttc	aggacaatta	540
ttttctgggt	tgattgggca	tatgtttgcc	cgtgtaaaaca	cggatatgat	aaagtgtcag	600
taacaatgga	aaaggtccca	gaggcattag	gcatactaaga	ngatgccctc	agaaacgtat	660
tctggcttga	tttgtgttat	taacttcaga	agaacctttc	aatgtccca	atatcgttct	720

tagtgctttg ggaaaaaata ttttaacacac tggtaataaa tttgtatcag aag

773

<210> 3568

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3568

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ttgcttttct	gcactagatt	gtgagcacca	tgacattagg	gatcatatct	ttncattgta	180
ctgttancta	cacataacan	actgcatgct	atacgttggn	aaatgttaan	tnaatgaata	240
tcttcncagg	ctagcttttt	tgatcgcccc	aacgcctagg	ctagttttct	ctcatcctgc	300
ctcanantgc	tgtgggtgatg	catcccgcga	gcacctgcag	agacancccn	gntggtaaatg	360
ttggccacag	nnccagctnt	gctgccagtg	cccatcgatg	nggacatgga	ggcgggtccta	420
gcttcaagct	gacgggtgctc	ccctgctgat	acanaaaactc	ctgattccaa	agctcattat	480
tttgtttagnt	ttatgccctg	tgtctntgta	tcaccacccc	catngntaaa	gcctggtnnt	540
tatgtctgga	gaangaaggc	aatnggaggg	aggaggccta	atgngctcaa	aatcaccct	600
tttttntatg	aaagtgcctc	aaactcattt	accttggtctc	tcanancctg	aggaatgact	660
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tttcttcaat	ctgacagaan	ctaaattttg	nccctgttnt	caagggnaan	caccaactgg	780
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<210> 3569

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(801)

<223> n = A,T,C or G

<400> 3569

gntnnccntt	tgaaaccttt	tatacaatct	acttggttctt	tttgcaggat	cccatcgatt	60
cgctcagatg	ccagtcacaa	gtcccaggcc	tctcactactt	ctgaccgact	ggctacaaat	120
caggggttcc	cactacctcc	tcagattaga	taatttgctg	gataaaaactc	aggaaacatt	180
attattaagg	gcacaactca	gcaacagccc	agtagaagag	gtgcacggag	caagcacccg	240
ggggacgtgg	agttttctgtg	ccctcctagg	gtggcctcct	gccagctca	cccttggtgtg	300
tgcaagggtcc	ccgaatcttg	tagttagagt	ttctgtagaa	ctcaatctct	aatcctttcc	360
ttttctcttc	atttctcttc	aggataaggg	accggggggt	cggtgctgaa	agttccacac	420
tctangcact	gggtctcttg	ggtgaccagc	cccatccaga	ngccatctag	gagggctgct	480
tttaatcaca	gcgttagcat	taacagttgt	gattgaaang	ggcttgtttt	gaacaataaa	540
aaatatttct	atctcaggaa	atcccaaaga	tataggaact	gtgccaggaa	ctagagacaa	600
agatgaaata	tgtcttatat	cacatttctt	ttgaattggg	taaagtgcc	ataagacaac	660
aaaaaataat	attaaccnt	ttatataaca	cttgggggtta	ggtgggttata	aaataatcta	720
aaagatgaat	ttaaaagtat	tgggggagga	tgtacatagg	ttatantgcc	aaatacctat	780
gacgttttat	ataagggact	t				801

<210> 3570

<211> 735

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3570

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ccctccctcc	tctgtcctca	tgccgccttg	tgcggtggtcc	ccagctgttg	gtgtcagggc	180
aaggacaaag	acccnggaca	cctcangtct	gagtcctggt	gattgccagg	ccctggggaa	240
tgggggaaga	tgtggtcaga	ggctnttctt	gtgaccggng	caagatgtnt	cttntgctgg	300
accggcacct	tttgtttgtn	ccattggtgg	cagatgtgag	cnacatcagg	cgctttctca	360
gtgnatttca	cgagccacan	gtggggctna	tccaagccgn	ccagcanctg	ctgtgtgatg	420
agcaagcccc	acagaggnan	aagctgctgg	ctgacctcct	gcacaacgtc	anccataaca	480
tngcggacga	gaccnngnct	gatgaccccc	gtggnttgaa	gcttggagtt	ncgatttcan	540
agcangtntg	gctatctgan	atacanctgt	nagagccgga	tcccagagta	cctgagggan	600
gtgagctcct	accntccacg	gtgggtgceg	agnctaagag	gaattctgcg	gtcttgcctca	660
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gtgttctgca	ggtct					735

<210> 3571
 <211> 766
 <212> DNA
 <213> Homo sapiens

<400> 3571

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gacagatcct	ccctctgcag	atggtgagca	gtttcccact	cggctctttt	gattgttctg	120
caattttcaa	tgaccatggc	acaaatttat	ttaaagctga	aatacttcac	ttctattaaa	180
gcagttggct	gggtatat	tttttgcctga	aattattact	ctaggaggta	aatctaggct	240
ttattttacta	ctttgggaaa	gtacatttaa	aggccatgaa	tcagaaacta	ggttacaaac	300
gttaagactc	aaaggatctg	tatactgagg	cctatatattc	catgaagtgg	ttctctactc	360
tcagcaaate	tagtattgct	gaatgttgta	gcattataag	caggaaaate	atcttactgc	420
acataatcta	tccccacaga	aacctatgac	atthaggtat	tatgcaggca	tgtgtcttca	480
gttggtgtgc	tccttatttt	aacctatggt	ccctataaat	acttcagatc	caaaagggtt	540
tttccacact	tcgttataaa	aaagtactaa	ctagcacata	tctgcatttt	attccgggat	600
ccacatctcc	aaaaagttga	ttataaagtt	tacagcaagc	atagaattca	aaatttcctt	660
ttttttctaa	atgaccaaca	atacaaactt	tctcatgtac	acacacatga	gaacacacat	720
gcatgtcata	cacacatcat	gcattcatca	cacaaagcaa	gcacag		766

<210> 3572
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3572

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tcggcacgag	gttggccttt	tcnattcaga	tgtttntctg	caggangtgc	ctngnatnna	120

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ntttggnttg ntnacatgag tttnatatgc atgcgcattt ttggatgcc aacacatagg 180
cagatgaaac taagaagcca gatgctagag atcgagngc gatgaattga aactagccta 240
actggctcca ctggttgagt cattngctca aactactcca aacttttggt tgntctactg 300
aaaacattan tnggaaaggt acagnntaa tttanggcng ggaagcctnn atcncgtgag 360
agtnaggctc ntntatgca tgctggngang gaaggatngg agatgagagt nattttacgg 420
gcgcctatct cctcctcttn ctatcntgcc ctggactgcg anctcatctt tcatannctc 480
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ttcttttcaa tagnctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660
ctganttact ntccccaac aaancattag ntgattngac tttttacncc tcattcngan 720
ggcnttagac cccttttggt cactttacnc aaggatgttg anacctanaa ttt 773

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<210> 3573

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3573

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tcgattcgaa ttcggcacga ggnaaagctt catgttcgc accctgggggg cggtgttat 120
caacatgacc acagttccag aactgtcaga agataaattt ctggtgttct cagccatcca 180
gtttgtggta ctttgtaacg gcagccctag gaagctgatg caggtgggat tgattcccct 240
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caatgtggct tcccttggca aggcattggag tgaagggtga gtatatccca agtggggagg 360
acagcacgtg acatggcgca gggcttatga aacaacatgc cttcttctct tcangtactt 420
aagctacatt agtaagacca gaacttagtg gtgaggggtg aagctggctg gacaggcagt 480
taggagttag tcangcgatg gtgagcctcc gtgccagAAC aacttgtagg ctgtggaagc 540
aaccgcgaaa gggatggcag cgggtgatata tatagttgaa agatcactgt ctgctgtgta 600
gaggatggat ttggaagagt caccanagca ggaataagaa gttaaagggc ctgcaccagg 660
gctttagtag tagagtttna gaaagtcttg gggagaattg antcaccttg acctactgat 720
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tgtanggatn

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<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3574

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cacacattcc agtagtttcc tctttatttg tctgaacca agttgtagaa tttaaaggag 180
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ccaggagcaa acaatcttaa taggaatgtg cgatcttggt tttatcttta gcacacttaa 360
ttagctacaa cccgggactg ttgccatttg aacaagttgt taagaaaatc tgccatgttt 420

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tgctcttttt	caaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctgggttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggtattcg	aggcactgga	ttgctttttg	ntccc	715

<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3575

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cccaaaagca	aaaccctgag	gcagggatct	tggttggaag	ggggagggga	tcccagaaag	180
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ggaatgtatc	caccaggcct	taatttatca	agatgaggat	tactcctgag	atgttaactc	360
cttggtgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggctt	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaata	caaggaatat	540
ttgcatgctt	tcaatactta	ctcatcaaag	ggctgactcg	acttanaaga	aattacaaat	600
cctgcttacc	attttcagcc	caatatgctc	acgttgggcc	agccacagct	gcctttaaat	660
agtaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
tacgtagatc	ccgaccntga	taagatccnt				750

<210> 3576

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3576

tttgaaancc	ctttgctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcgaaaca	ccactgcaag	gtgaacagcc	tggtgtacta	gcanaaaaaac	atcattcagt	120
ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
cccagagagc	aaggactctt	gctttttacag	aacacatatt	cttgtggaat	gagaggggct	240
atcatcaant	aagcaaataca	ttcnatgnan	tgtgttantn	tattttccca	ttgcttttaa	300
gaaatgcctt	ttntctgggt	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta	420
cagtcatggc	aganggcaaa	tggaagcca	gcactttaca	tggnanana	aggaggaaga	480
ganagagaga	ggcacgaggt	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatgggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	caccctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
tttgancagg	gacacaaatn	caaactcatc	actaagtatc	agngcttttg	gaaaaaaaata	720
cgtnnntcca	nnctgatag	atnctnnt				749

<210> 3577
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3577
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 gcgatgagaa cagcgaggtg tggcgagacc tgtgcgcccg cagcctggca gaagaggctc 120
 tgcgcacgga catcctgtgc aacctgcccc gctacaaggc caagatacgt gcttttcaac 180
 atgccttcag cactaatgac tgctccagga atgtctacat taagaagaat ggctttactt 240
 tacatcgaaa ccccatgtgt cagagcactg atggtgcaag gaccaagatt ggtttcagt 300
 agggccgcca tgcattggaa gtgtgggtgg agggccctct gggcactgnn gcagngattg 360
 gaattgccac anaacggggc ccatgcagt gccaaaggta tgtggcattg ctgggcagt 420
 atgaccagag ctggggctgg aatctgggtg acaataatct actacataat ggagaagtca 480
 atggcatgtt ttccacagtg cancactnca ccaaaatatc agataggaga aagaattcga 540
 gttatcttgg acatgggana tatgactttt gcttttnaac gtggatatca gttctggggg 600
 nngnttttng aggactccaa agggctgggt attcccagca nttnatgctg tatatggggn 660
 cncagaantn acttttggtt nactnggnaa acctttgtac ggnnacaann gnnnncttgn 720
 natnnctnct nnangnnnga naaat 745

<210> 3578
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3578
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 cagctctttg ggaagctgag gtgggaggat cactcgatcc cagnggntgg agacttgcct 120
 gggcaacatn ntgcancctn ntctctaaan atatntnttg catngantng cccgncatgg 180
 tgggtgcacgt ctatagcccc agctacttca gaggtgatg tgggaagatc ccttaagcct 240
 angaggtcng aggttgacgt gagctatgat ngcaccatta cnetccagcc tgggcgacag 300
 ancgagactc cgtctcaaaa aaaaaagaaa anngactntn nncgaangga gacacgtnaa 360
 agtcttgcta attgtcatat ccaactccaa ntntagctt tctggatgat gnccattcct 420
 nctgcaatnn ccttatnate catctnaacn ttttgcaacc tatgaactgn ttcgtanant 480
 taattactac caatacacc tatgtacagg agcatangga aatcaanaan antgangaat 540
 tnnantctat taaaggccac nagaatggnt nacacctgta atcccaacac tntgggaggg 600
 cacngcgagt ggatcacctg agatcangag ttcgagactg gcctggncaa catngtgaaa 660
 cccngtncc tactaatggt ncaaanatta ccaagccgtg gtggcacgtg cctgtgancc 720
 caagntnctc nggaagctgt agcangagaa at 752

<210> 3579
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (725)
 <223> n = A,T,C or G

<400> 3579

gtgttgaatc	nttctcncat	naaacncttt	gganacccac	cgattcgaat	tcggcacgag	60
ggtgattggg	ctggttctgt	accgggtgta	ctccgtgggg	ggcgtnatct	ggcaaagcct	120
tggaggtggg	actgtggagg	caccattgat	tgaactgtgt	cccctgcagt	tcacatgttg	180
agggccaaac	ccccagtgtg	gctgcatttg	gagtagggca	gtaattatgg	ttaaattgagg	240
tcgtatgggc	gggtgctgat	ccactaggat	taggatcctt	ataagaacct	gccaccttct	300
ctctgccacg	tgaggacatg	gggagaaggc	ggctgcctcc	caccaggag	gagcccttac	360
tggacactgg	gccctggctg	caccttgacc	ttggacttct	agtccccaga	actgtgagaa	420
gtagatttct	gctgattacg	ctttcctgtc	tgcggcctga	gctaagacag	cggcgcttgg	480
ggagaagcag	aatttgagga	gctcctcant	ggcaggctgc	cctggccctg	ctgtcagcag	540
aggggaatgg	ccatccatgc	tggcccttac	cagccgggcc	ttcantgagc	tccccgggta	600
ggtgaanctc	tctaactctg	tgtccccgcg	aaacaggccc	acgagccaac	gcctatgggg	660
tggantgaaa	attangaaga	aacattaccc	ganggggtcac	tctntttnan	aagacctcaa	720
tggnnt						725

<210> 3580
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (737)
 <223> n = A,T,C or G

<400> 3580

nggtnagtta	atttagcctn	gtgaactctt	ggaacnccga	ttcgaattcg	gcacgaggag	60
cagagatggc	cacagaagcc	agagaagctg	gacgaggcct	ttttggcaac	aaaagagtga	120
cttaacgcag	ttctaattgc	ctacattttt	atgctcttat	cctgcagtta	caggataagt	180
caagatacac	ggctctacaa	gaaattttgt	tctaatttta	taatagtaga	gatggggctc	240
cactatgttg	cccaggctgg	tcttgaactc	cagggctcaa	gcaatccgcc	tgcctaggcc	300
tccctaagtg	ctggattaca	ggcatgagcc	actgaacctg	gctgtacaaa	gaaatttatg	360
gcagagagat	atgctcttta	ttttggggag	gtggcatggc	attatcaaaa	tagcatgggc	420
tttggaatga	aaaccttggg	gaccgtgagc	aaaggaagca	tcatttgctt	gtcttcaaaa	480
gagggatagt	gcaacttaac	ctgcaggagt	aaatgagata	acaatataat	agtattttatt	540
aacagagtct	tgctgtgtac	ctatagtaca	tcaagattcc	atttctactt	tttttccttt	600
ttcactgnct	aaaagtttta	ataacntttt	aaataagatg	atggtatatc	aaaagccant	660
tataggctac	taaatatttt	taattatttc	ttaagaaaaa	aatttaagct	aaaagaacca	720
aatgggatat	tttttttg					737

<210> 3581
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (718)
 <223> n = A,T,C or G

<400> 3581

gtnttttatcc	tgctcttgca	ntcgtaggac	cctcgattcg	aattcggcac	gagccctcct	60
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tgcccagagc	aggcattgct	catccactag	gcacttcttc	ctgccaaggc	acctcttcct	120
gccaaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caaataaaat	caaacctatt	tgcctatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaaa	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgttcttca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatactt	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgcaagat	600
gtgttcctgt	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnattnnaa	ctnnnnnnnn	ttcttncnnt	ttncenant	718

<210> 3582

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (721)

<223> n = A,T,C or G

<400> 3582

tnncttaatc	ntgctcttgc	atttctgnng	acccatcgat	tcgcccaggt	gaaaagactg	60
ctgtcagata	gcacttgcct	tcccatatt	attcagctac	tgctgacctt	tgacctatc	120
cttggttgaga	aggttgctat	tttgttatac	catatcatgc	aagataaacc	acagttaccc	180
cgcctttatc	tgagtggagt	atttttcttt	atcatgatgt	acacagggtc	caatgtgctt	240
cctgttgctc	gatttttgaa	atacacacat	accaaacagg	ctttcaagtc	agaagagaca	300
aaaggacaag	atattttttca	gagaagtata	cttgggcaca	ttctacctga	agcaatgggt	360
tgttacttag	aaaattatga	acctgaaaag	ttttctgaga	tttttctagg	agaatttgat	420
actccagaag	caatctggag	tactcctggg	ctggcaggcg	aaccgactgc	ggaggcgcta	480
cttggaactg	aggaaaagga	ggctgcagga	caagctggcg	gcgacgcaga	agaagctgga	540
cctggcctga	gactctgcgc	cttcgcecca	ttctgtcccc	ctcatggcca	ccttgccatg	600
ttcgcgccgg	accccggtcc	cgncggcgcc	cagaaccagg	cttgccacac	agtcgccgnc	660
tgccatggcc	ggntcttntc	ggaatgttgc	ttgttgaana	tgcatataga	ctaccgggaa	720
a						721

<210> 3583

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 3583

attgggtncn	gctcnttggt	ctgctgcagg	atcccatcgn	ttcggataat	acttgtggat	60
cttgatgcta	aggagcctgc	tccttatgca	tcaagaaaca	cataaccagg	tacagaaact	120
ctgcagagta	ctcatgagt	gcaggaggag	ctgtaccaca	agaaggaagg	gctcagggaa	180
ggggacatgt	cttactcact	tgtagcttc	cacggatggg	atgtggcagt	gctcatgaaa	240
ggatcttgga	caagtgtcgc	agcagaacag	ccgtcccat	ttgttgacac	cctcacatat	300
atgtgagttt	tccggctaga	aggggagatg	tagacatcac	cgggatcagt	gagacccttg	360
gaccctagaa	tatgtgacct	ttttatgtat	caagggcaca	cttgtaaatt	tctgtcctca	420
aaatattaaa	gattgctgag	tggagatctc	agaagacatt	ttggtctgcg	gcaaagttca	480

gtagatagtg	gctgtgtgtc	aggccagaaa	agttttcttt	atgaaaccag	agattctgac	540
atgatgacta	gtgacaaaaa	taggatgaat	tagagatttt	ttgagcaatt	tattaaacag	600
ctgggaaaac	ctggcccaga	aatagtgtct	tttctagctg	ctacatcgta	tnctttaaac	660
tgacttgnc	agggtgattt	actgagaatt	taatatgant	ggaataaaact	tctgagatat	720
cnc						723

<210> 3584
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (717)
 <223> n = A,T,C or G

<400> 3584						
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gtccaggcca	ataatcagtt	gggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tggatctcaa	acttttactt	taattgaaac	cataaaaaaca	tatattcact	180
caccaatggt	ttatgcaggg	ttaatgcctt	ctcttttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaca	aagggaatat	gttaaaacat	atactgttca	gtaatgccac	ctaattccatg	360
cgggatatgt	cccaggaccc	ctagtggatg	cttgaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttgga	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnnntc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnntantc	cnnttaaann	540
tttcnmatnn	tttctnnnnn	ntcnnnnnnn	tcttattnat	ntnnntnnnn	cntntannnn	600
nnttttnnnn	ttcantnant	antctttttn	caccttnnat	tnntcnnttn	tcnttttnnt	660
nnnnntntn	ntntntntt	nnttnntnt	ntnnnantan	tnntntnnnn	ctcntnc	717

<210> 3585
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 3585						
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acgagatgcc	tgccagctga	gaggcagttg	gattccnttn	gcngagcagg	catttcagca	120
gattcagcag	tcagagtgc	ccaagaagg	tgcttttagt	tgaggtttca	aaaggccata	180
ctgtaatagt	gaaccagaaa	tcaagcagcc	ctcagaaaaga	ctgaaacgca	tctacggatc	240
atctcaatct	gattgcataa	aggtgggttca	agatttatta	gtgcttttta	ctcgcctctc	300
caatttttca	tatataatgt	ccagcaccac	atcaaaaata	accagcata	gatggagata	360
agacactatc	actaacacaa	tagaaataga	tccacaaaag	atttagatca	gggatcagca	420
catttattat	ataaaaaggcc	agataataaa	tatgttatgc	tttgttggtc	acatacagtc	480
tcttgnatat	tctttttcta	tttttgntct	ataaccctct	aaatatataa	aaactattct	540
tagcttggag	atcactcaaa	cactttctct	ggcataatca	ganatatctt	caaactatgc	600
ttcaaatgtt	caagggaat	aactgataag	attgaaaaat	tccanggaga	ngcacaanaa	660
gtcattanaa	aaaaaagccc	ctanaactat	agtggagtcn	tattaccgta	gatcccgaca	720
tggnntaagat	ccattggtgg	agttcg				746

<210> 3586

<211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 3586

aggggttgga	ngaagccctt	tgaattccnt	cggacccatc	gattcgaatt	cggcacgagg	60
ttctgagcag	ttagtacgtg	gcagttgtat	tattagagga	agcctgtctt	gttttttttt	120
aaataagctg	atagagttag	gattctttta	atcaagactg	tttgggattg	aattgccact	180
cctgcttacc	agagtgtagg	cagtttttct	taaactttcc	aagaagactg	gtgtcctcat	240
ctaaaatacg	aaatgcttac	agtaattgcc	tcattgggggt	gtttgggggtg	actaaatgta	300
gtaggattta	ctacatagta	agttctcaat	acattgtagc	tattattatt	agttcggtag	360
aaagaatgtg	cagattctta	tgagttaaag	taggctttcg	gggagataga	ttgactctgg	420
tcttttaaaa	gttaattttg	aagttgcagt	tttgtgatta	agccttaaata	ctgttattct	480
ttccttctga	aatccttaaa	aacagaatgt	ttagtagaag	gtgataacca	gatttcttta	540
ttccaagaac	tctttgctct	catgtctaac	ctttattttc	ctgggtactta	ctgatgccag	600
aagcttctct	tagtnaatat	aatacatctc	ctctctccta	atgtgctccc	cgtctttcct	660
tgtaaggga	aagtaaattt	actttccaag	cctnanggtt	atztatggat	tangtgaacc	720
actgaaat						728

<210> 3587
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3587

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ggcacgaggg	cagagtaagt	acggtaattt	ctgcacccga	atgggtagtg	ttgcctttga	120
agtagtcacc	ttgggaagat	gtatgtttat	tccagtgaag	ctgaccttac	acagaacatt	180
cctagaaccc	tcttttagaaa	ctgtcaactt	gtaagggtct	tcagtgttgg	taaatctttg	240
tcctttaagg	gtagatctat	tttttgagga	atgatttttt	tttttaacag	ctaaagagca	300
ttagaaaata	agtctgctaa	ataaaatggg	tgaagcagct	caggatgatc	ttgggtgggca	360
ggaggagggg	ttggataaaa	cacaaggtct	gactataaag	ttgtgaggcc	tcttgccctg	420
catggcttca	aaggtaatcc	caaaggggaa	ccctaagtgt	tcttggcaca	tgcaacatca	480
agaaaataac	tccaattatg	ctaactcttg	agtgcataat	ttctagtgtg	tttggttaaa	540
aagggtggctt	tgttcatctt	cagtcataat	tcgtataagc	agaaatggaa	aactccatct	600
ctgtgatttc	tcccaangga	aagatctcat	ctactgctta	gagaattaaa	atgaaaagca	660
cttgggtgtc	tgtctacatt	agcccccccc	ccccccaaaa	tgtgccaatg	ggtaattcct	720
ggatacctga	gtcttncccc	tttnggaaaa	ntgggtnaag	gaccctntaa	aactatagtg	780
agtcgta						787

<210> 3588
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 3588

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acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agacaagact	gtgtctcaaa	120
taaataagta	agtaagtaag	taaataatcct	gtaggtatct	atgtgactca	aggctagtca	180
ctttcctatc	tatgctccag	ttttctcata	tttgagacaa	gagacttgat	tttagcataa	240
agggtgagagt	tgaagtaatg	agtgtgaaag	aggaaaggga	gaaaacatac	agagaagagc	300
agaaaacaca	agcagctggt	aggcagagaa	tgcagaaatt	caagttagag	ctggttggaag	360
atgtggtagg	ctgactaatg	gtgccccaaa	aatgtctaag	tcctaatecc	cagaacatgt	420
aaatatgtta	ccttacaggg	taaaagagac	tttggggata	tgattaattt	aaggatcttg	480
agataaggag	attagcctgg	attatccagg	tgagcccaat	ataatcacia	gcacccatat	540
aagacaggca	anagagcaga	atcagaatag	gagatgtgat	gaaggaagca	agagattgca	600
gggattccag	gaaggttctg	tgagccaang	aatgccagggt	ggacccctng	aagctgaaaa	660
angcaaggaa	aatggattct	tcttctcann	agcccttccn	cttaaggggac	ccagcccttg	720
ccagcaaat	tggccaactt	cact				744

<210> 3589
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (858)
 <223> n = A,T,C or G

<400> 3589

tttaaancctt	taaacaagct	acttggtttt	tntgcccngta	tcccatcgat	tcgaattcgg	60
cacgaggtag	ttcctaggag	tggttgcat	tgggaatgga	attgttaaaa	cttgatgctt	120
aggagcgaat	gcagactatt	cattgggtgt	ttgggggtggg	ggaagggggg	gtgggcanag	180
gaggtagtca	cnggagaggg	gntctgngct	nctcnnatta	ttgcacaacc	nctaaccatt	240
gttctataac	tgcatnaaca	natnataacn	gggccttncn	ngatntatct	taacgcttan	300
nttttncnan	atatanatgt	aactaatcac	tcncttttng	taatnanctt	tncctnnntt	360
ttgtaagaac	gcnctctctc	tgnnactgac	ctttnttact	tccccccctt	tgcncctng	420
accttcctgn	tntttctcac	gtngatngtg	gcanttnngg	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnncactc	tccacnatnn	ntttangatn	aaaaccnnct	540
nntnttncan	aaaancgttt	tntanttnn	aannaccctt	tttannattt	tttnnaacaan	600
aancntttat	ttttnttnc	catnctaacc	ttttacaaaa	ntnnnggtta	acccctttt	660
ttatataaaa	nctnnntnnn	ttatnaanaa	ttaannanta	tttngtnaaa	nnccttttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	anccccnccn	780
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canattnttt	tnnnacct					858

<210> 3590
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 3590

tgtggtnana	ngaactcttg	caatnccctt	tgcgntnncc	gcaggatccc	ancgatncca	60
attcggcacg	agggccacnc	cgctgtgan	gnattttnngt	nnctntttnn	tnnacctggc	120
atcctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
cggagcngcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gcactgaaag	240
ctgngnacct	gcatnatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtga	300
agtccagaac	cnatctgctg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
acggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaaact	tatgntngac	ccatctnncan	atatgacatg	caccagtga	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggttttaaact	cggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggnggg	agggnaannt	720
atnttnantg	gcaaatgcna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3591

gntnttttta	accntaagga	ancctttgat	gcaggatccc	atcgattcga	attcggcacg	60
agggccaaata	gccctaggag	tcccattttt	ttaagctgag	ggaaataatt	ttcaagaagc	120
ttgtcttact	agtagcatca	ttctttttta	ctggctcaca	gcttggaagg	ggtgatggtt	180
tttcttatga	aagctaacaa	catttgagca	gatccagtgt	gctggtgagt	cacagtga	240
gtgtggagtg	ctaaggaagc	ctcctggtgg	aaatgtaagt	tcagagaagg	tctgcagaaa	300
atacaggggtg	aaatgttatc	aaggagccag	ggtattattt	aagaagagga	gggaggggaa	360
aaatanaaaa	tcaaatacac	taatagaagt	aaaattccct	attcagaaaa	actagtgagg	420
gctgagctcc	agtaatcaga	gagaagtcta	atcangtcac	tactgncatg	ggaggacata	480
gtcactctct	ctttcangag	cctatgaagc	ttgcgagagc	tcagctangg	aataaggggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaagt	cttcattctg	tgccatacaa	ttttccactt	660
ncctgnngac	tttcctcaaa	tggattttact	taaacttttc	ccaaccttna	acaggttaac	720
ttgcntccan	ct					732

<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3592

tncnnttttaa	tnccatcanc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggggttc	atgcagtaag	atttgttggt	tatttgtaaa	tagaatggta	ttctattttca	120
aactttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttcagat	cttgtctttg	tgatatagga	ggtatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttcctac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300

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aatgttaact. tgtcacttaa aacaagattc tcttcatctt gttttcaaga tttcaagatt      360
cttttaaaaa ttagcatgaa gtatgggata atgattgggg aggaagtatt tttaaaaagc      420
cttcttgagt ttttatgcat attacatttt tattcaataa aaaattcccc attgttttat      480
tgaaatggat tagttgtcga tctctgaat tagacatatt ctttaaaaaat aagatccggt      540
gtcagccatc taaaatgttt ttataaattc atacttacat tcttttttgc cggttgcagt      600
cagcctttag tgccaagaga gaacattaca gcatggatga atgcaattgg tttgatcatc      660
actggcctcc aagtgagtta ataattgnga attggactta agngatgaaa aacaagccng      720
ctgttncctg tcaggncctc agaactatag tggaggccgn ttaccttnat ncccgccctg      780
aatnaggaat nccttgnggg agtttgagaca aancncaac tnn                          823

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<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1035)

<223> n = A,T,C or G

<400> 3593

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nncnnttnat tccatcagct cttgttcttt ttgcaggatc cctcgattcg aattcggcac      60
gagcaaagga ttgagagaga aaacttggtt ttattgaaaa ggcttgaggc cgtgaaacca      120
acagttggta tgaaacgttc agaacaactg atggactatc atcgcaatat gggctatctc      180
aactcatcac cattgtcaag acgggccaga tccactcttg gccaatatag ccattaaga      240
gcttcagga catccagtgc tacgagtggg ctcagttgta ggagtgagcg atcancggnt      300
ntcccttcnn nngcatenta tntnaatacn tntccctntt ncnnngttc tgtntnttt      360
tatannnttc nnnccnntnt nnnccctctn tccctgtncn ntttgattnt tttantnttt      420
ntntttnnnc tcnttntctn tcnttttact atcnntatnt ctttctntnt tctctnttt      480
ntantctnt tnnntccttt ncttcacnt ntantncttc gcctntttta cnnntntntt      540
tattntctnt tctngtaatn tttcttttat atntntntnt ttcannctnn ttaattcnn      600
tctantnngt cctttccnta ttntnattn ngctannata nttcnatan nttctcntnn      660
nnnctnnttn ctatttntnn naattcnngt ntgtntcatn tcnctnctnc ttntntntnn      720
ttttnttna tntatnttt nntatctctn ntctnncttn ntanatntta tctntntntc      780
nttctnctta taaactatac tnttnatctt nctcnntnt cntatcta atcncantnta      840
ttantttctc tantntntca tacctcganc nannctcntn acgntntntn nnatntnnnn      900
nnncttanna tnttcatnta anatattatn atantttatt tctnttctan ntntctcnnn      960
atanntnct nnantctant tncntntnt ntatcntttt naangtattt tttttnanta      1020
tctantnnna tncec                                     1035

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<210> 3594

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (992)

<223> n = A,T,C or G

<400> 3594

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cggngnngnc gtnaacggaa ncccgncnnt tgccgatccc tcgattcgaa ttcggcacga      60
ggaactagtc atgccaggna ctaaattttt gggggcagtg agggatctgg tgcagaanca      120
acctgatcaa tgggacagga cagggagtct caaaatagcc ataactgcat ataaacatct      180
agtatatggg taccacagta ttcaattcaa gggggcaaaa tagagacttt ttaataaatg      240
gtgttggaa aaattatagt tatttgntca aagagttata attttatgca ttccttacac      300

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ccatgcacta	gatgatcctc	caaattggatt	aagactgaaa	tgggaaaaga	aaaaaanggg	360
gggaattccc	tatatcatct	gggnctaagg	gaaaaaat	tttccaacct	atggacccaa	420
gttcccacat	ggtaacctgg	aaaaaattaa	aaaaaccng	gacctcntcc	tcctcntaat	480
aataatatta	ataantnnnn	aaccttttcc	aatggggcca	aaaaaaata	aatccccaa	540
tttaaattga	aggggnaaac	caattaaaaa	aaagggaacc	caaaaattaa	aattaaaaan	600
ccanggggaa	aaaaaaaaat	aatttgggga	ngggaataat	taattaattn	aaccaaaaaa	660
cctnccccag	gaaaattcca	ttaaaaagga	accattcctt	naaaaaataa	tgggaggaaa	720
aaaaaaaaatg	ggaaaaaaag	gcccaccaag	aaaaaat	ncgccaaaaa	aaggnatgga	780
cctggggacaa	cctcaaaaaa	gggtattaaa	aaaaatcccc	ttaaaaatat	gtaaaagggg	840
ttnaacctca	cacatactag	ggaaaaatta	aaataaaaaat	tattccggag	aaaaaagcca	900
cccatcgaaa	tngacaaaaa	agnccnaaag	cctnggacaa	nagacccttt	tggccaaggc	960
tggccaggan	gggaaaaaaa	aaaaacnccc	ct			992

<210> 3595

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 3595

nncnnnttta	attncaatca	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ttcttttcat	ttttcttaaa	ctaattttctc	acaatttttca	tttttgctct	120
gagacttgaa	gggaaagtaa	gttttaattct	agaccatatt	atttagttac	atctaattctc	180
tctagacaaa	agacagtctg	gagagtactc	tttagttcta	tttattaatt	ttgtctctag	240
attgagccag	atttcccat	gcatagctgg	cattttattg	gcctctgcag	aattgctttt	300
tctggattgg	acttttgtaa	tccatatgaa	aatctctatg	aaatttaatt	gctcgccagg	360
tgtgggtggct	cacacttgta	atcccagcac	tttgggaggc	tgaggtgggc	ggatcaccag	420
aggtcagggg	ttcgggacca	gcctggccaa	catggtgaaa	ccccgtttct	ccccagaaaa	480
tacaaaaatt	agctggtcat	gagggcacac	actgtagtcc	cagctactca	ggaggctgag	540
ggggaagaat	tgcttgaacc	caggagatgg	aggttgcaat	gagtgaagat	cgtgccactg	600
catccagcct	gagcaacaga	gtgagatctt	gtctcangaa	aaaaataaat	ttaattgctg	660
tggatctgta	aanggtgttt	atcgtaacag	ttcataatat	tctatttnaa	natgcgtggg	720
agaaattttn	tntggancca	gttatgcctt	tnctggaatg	ntggttgggt	ttaccttaag	780
gccactnaat	ttcagctgat	ggtttttctg	gt			812

<210> 3596

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3596

nncnnnttta	atancaaaca	nctacttgtt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagct	tcctccaggc	attataatat	taggttaatt	tagaggagca	tattttatatg	120
tggagttaca	ttgtgttggc	cattcaggag	actgactgtg	aaagaatcca	aactttatat	180
ttctgccttg	ccagtttttt	tttccttttc	ttcactccat	ttgagacact	cttgacctaa	240
tccagtaaac	tctaattaat	agtcttggtg	aattctgttt	caagccatcc	tgagtagcgt	300
cactgacacc	cgatctgttt	cagtaaggtc	aaattagcat	cctttactat	ttttctggca	360

tttaaagtga	tgacttttgc	atgggttttc	aagtgtttat	agtaaataatg	tccatttgat	420
ggaaatataa	atatgcatta	agtgttaagt	gctaggcaca	ccctgctgtc	actttttatg	480
gtaatcaagt	gtcttttact	ttctgttggt	tttaatatggg	accagctgac	aacgccacat	540
taaaaccaca	gggactcaaa	agataactcc	cccacccctt	cacccggcac	tgctttttatc	600
ttgcaaaagt	attcatgttt	ttctcttagt	atgccaatga	caccctgtct	ctgacatttn	660
cacttatgta	ctcatgggaa	ggaatgaatg	ggttactcaa	actgggacca	ttgaatttgg	720
ggacacctgg	tggactccac	tggccttaag	anctacangg	ttanttggaa	acagtggggc	780
accgtggggt	gacttggcct	ttnttttgcc	agnnggtttt	gggccttgan		830

<210> 3597

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3597

nncnntttta	attccataca	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaga	aactacttct	atgatttcag	ctggagtctg	aagatacttg	tttctgttca	120
agtcccactt	taaattatgt	cttaggagac	tgaaagtgga	atcttctgag	cattcctaaa	180
tatctgctta	gaaatatcat	gtgataaaga	gggaccttct	taatacactg	atgttcttca	240
ctaaatggat	ggccacaaga	aaaataaaagt	aaatgtctta	aataatttaa	ccataaattt	300
tctgtcatgt	gatactggaa	tatgggatac	ttttcatggt	tatatatata	tatatatatg	360
tatatatata	tacatatata	tatatatata	aacatgaaat	atatatatat	ggctcctttg	420
tgccccatgt	catttttcaga	ttatggtagc	atgctgatac	agcaccatga	aagaactcaa	480
ggaaaatata	tcaatgtaag	aagttcactc	ttagaccagc	tggtctgagg	tcacatgggt	540
ttggactgtc	tcaatcagaa	agattaatga	ctgttatcaa	gaacatgaac	attggcttcc	600
tccatagaga	agaaaatcag	tatctgagtt	gcataccagg	cagtattaaa	aatctaacan	660
gtctgtttgg	cccattgata	gatctcaaat	ggngtctcct	tctgggtatg	gatttttgcn	720
ttggttaccc	tttctcaatg	taatggaagt	attttacaag	ccaattggng	gnnggaaatgg	780
tgctcttgnc	ttttcntgnt	tacaaactac	tttcacattg			820

<210> 3598

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3598

gnnnntttta	nttccaatac	anctcttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagaataacc	aattttaaagt	gtcttataga	taaaatctag	aatgaagctt	120
tggtagaaga	tctgagctac	gtacataaga	ttatcagcaa	catatatgtt	aagggtggagc	180
cattttaaaga	aagaacagaa	gggacctatg	atttactgat	tggtgaaaat	caaaataaag	240
gaggcagaga	aaataaagat	tgtgagtcag	caggactttt	gtcttatatt	caagtggatt	300
tattgattac	ttttcttctt	acagccaagt	gcaagatttg	tgaatgggag	tttgaaaagt	360
agccactatt	tctccagcat	atgaaggata	ctcataagcc	tggagagatg	ccttatgttt	420
gccaggtatt	gcctttttct	ccagggaggt	ttagcagttt	tgctctcagg	agaatacaaa	480
agaatctact	aatgaatatt	gttgaccacc	tactgcatac	actcagttta	ggaactctga	540
gtaggtacag	aagaaatagt	aaacacagtt	tatcttcang	gtttncatgc	cnggagaaaa	600

acataaaaaag	aacatgttcc	ctacnaaaaa	aattttttttt	taattacctt	gggcatngng	660
ggtgcaccac	tgtagtccct	agcttacntn	gggangcttg	aaacaaggaa	ggctcgcntt	720
gagcctcaaa	aggataagtc	cctaacttcc	tcaaggaagg	cttccggngg	aanctatgaa	780
tcatgcctnc	aancctgggg	caacaagtgg	agaatttttg	cttnttttaa	anaaaaaann	840
nnnnnnaaaa	ctcggg					856

<210> 3599

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3599

tttaacnctt	tttanancct	cttgatcttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaagaaa	gcagatgcc	ttttatctat	tngcacatca	ggactgacag	acatgaaaaa	120
attggccaag	tgggcagcag	agtccaagct	cgacccaaat	gaccccaaca	atgccccttt	180
gatgcagctt	atctcggttg	ctaccagngg	tgaatcctat	gtccctgatt	tcttttagact	240
ggagcagctg	caacaggagt	ttaactttgt	ttcagatcaa	gaattaaata	gatccaaacg	300
atthagctt	cttcatctta	gaagccaaga	ggtgccagaa	ttccgaaatt	ataagcaagt	360
tccagtctat	gaccgagaaa	ttatggaaaa	ggtattccag	gactatgaga	aacggttacg	420
agacagaaat	gtaatagaaa	ccaaggaaca	catagacacc	catagggcca	tagtagccaa	480
gtacctncag	cagggttagag	aatcagngat	aaatcgtttc	ttaattgcaa	aacaatatatt	540
tntttttggc	tgntatggat	agnagaagaa	gaagttccca	atttcancat	tttgggncta	600
agccttttca	agctngccan	aacaaaancn	gaccactgng	gncaaggnga	aaaaggngng	660
nangaangtg	ancnncccca	aancctngnn	tnnnnggaga	cntaaaannt	ggctnnngaa	720
nattngnnnn	nancttacna	cnttccaann	gnnggaaanc	nnnnnttnnn	naannnncaa	780
nnncennnnn	ggnttttnng					800

<210> 3600

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3600

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gcgggcgcga	ccggaggcng	tttccgttac	tatggcaatg	acggcaggga	ctacaacaac	120
ctttcctatg	agcaaccata	cccgggaaag	agtgactgta	gccaagctca	cattggagaa	180
tttttatagc	acctaatttt	acagcatgaa	gagagagaaa	ccaggcagaa	gaaattagaa	240
gtggccatgg	aagaagaagg	attagcagat	gaagagaaaa	agttacgtcg	atcacaacac	300
gctcgcaaa	aaacagagtt	cttacggctc	aaaaggacca	gacttggctt	ggatgacttt	360
gagtctctga	aagttatagg	aagaggagct	tttggagagg	tgcggttggt	ccagaagaaa	420
gatacaggcc	atatctatgc	aatgaagata	ttgagaaagt	ctgatatgct	tgaaaaagag	480
cagggtggccc	atatccgagc	agaaagagat	attttggttag	aagcagatgg	tgccctgggtg	540
gtgaagatgt	tttacagttt	tcaggataag	aggaatcttt	atctaatacat	ggaattttctc	600
cctggagggtg	acatgatgac	attgctaata	aagaaagaca	ccttgacaga	agangaaaca	660
cagttcttca	tttcagagac	tgttcttggc	cattagatgc	cgatcccca	gntgggtttc	720
attccntcng	gatattnagc	ccgacaaccc	ttttnttggg	ttgccaagg	gtcatgtaaa	780

attn

784

<210> 3601
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (772)
 <223> n = A,T,C or G

<400> 3601

gnaacctana	aacagctatt	gaacttgtn	cacgatccca	tcgattcgaa	ttcggcacga	60
gannaaaggt	gtgagccacn	gcgcccggnn	tanntaagaa	nnatnantnn	gnncttgeng	120
nanaacatct	gtntnnncaa	cttantacna	acaaatatna	nnattaaacn	cttcactttg	180
ncttnnnaac	tgntcnaaac	actgncactt	tggttnnaaa	actgctccca	caatntngct	240
agcatttttg	gngattcaac	attcatgtca	aaccaccaca	ctagggctcc	ccagtttctt	300
nattnactca	ttgttgcatg	cacanatttt	ggatgatct	atctcagccg	gtcctactcc	360
ttnggggatt	ccttacacct	ccaaaatttt	gaattataag	cntttttctc	cnaganctcc	420
ctcattnttt	tacttatctt	aatcattctc	ntccaacanc	acttnatnta	ctttgggaat	480
gccaangaat	ccgatntctt	nttcaactct	cattacctct	ntgcctgctc	tntctttctt	540
tggntgttat	ngaccagtt	tagaggatgc	agagtncttn	aatataatca	ctactttgaa	600
aacatcctca	gctgttttgc	tcctnttgac	tttgcttggc	aaaactcagn	cntggctaaa	660
acttntggcc	atttgcacct	gcctcaaaca	ctggngctgg	ctacaaacaa	ntgctaccag	720
catngactgg	ntccacttng	naattcggac	cncacctcat	gtaggnnctc	ac	772

<210> 3602
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (771)
 <223> n = A,T,C or G

<400> 3602

ctaanncnngn	gngnctcgna	ctngccgaac	naaanaggct	nnggcgcatt	tgtagnaatt	60
ggctttccgt	ttgcatattt	aatgaactt	tgtggctttt	gttaagtata	ataaaaagca	120
tggagtcaaa	tataagccaa	gagtattaca	gagactttta	ggctgactca	gtatctcaag	180
ttctgtgtag	attcatctaa	acactgctgt	tatccatgct	atactttacc	atgttatccc	240
aaaaggggaat	catcagcaaa	ttttaccaga	aactgctgaa	ttcaagatat	attcaatata	300
tattataactt	ctgacatcct	aggaagccta	tccaaagaat	acattacttt	gatagaattt	360
gttcttttatg	aaaattcatt	ttgactctca	ttgataactt	tattccattt	tgggggagga	420
ctgaggagtc	agtgggatgg	gaacagagct	aactacaaag	tctttgagtt	tagatgggca	480
gcagaagggg	aaaggaagta	ggccgtggga	tatataagga	cttttccaat	ggaaaacaat	540
tgtcagtggga	acctctatga	ctacttgctc	aatttcagaa	ttaaacttcc	tgtatatattt	600
aggtggaatc	aagctgagtt	ctagtcaaaa	tgctcgcatt	atttcccatg	aaaaatcccc	660
caaacaccaa	gcagacagaa	cagtgggtga	taaaccatc	atattccatt	tctgaagaaa	720
atcatcaagc	cccaaactct	gttttagaaa	atttctcaag	aactaattct	n	771

<210> 3603
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3603

tgnnnnttga	ttnnngcnnt	tgtctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
ggtttctttt	tttcagagtt	ttgctgctaa	gaaatatctc	ctcaacattt	gacttcatng	120
tggccaataa	tggctctctga	attgattcag	acattcacac	agcttgaaga	agatctaaaa	180
gatgaagatg	agtcattgag	aagcaccaac	aaagtaaaca	gaacgaaagt	ttcagtcccc	240
gatgcaaatg	gacctcagt	gggggagata	ccccagagtg	aactcatctt	gtatttatca	300
gcttgcaaat	tcttgacac	agcgctttct	tttccacctg	acaagatgcc	attatttcaa	360
atttataggt	gggcatttat	tccagaagtg	gacacagagg	gccctgcctt	cctgtcggat	420
gtagaggaga	atcaccaaga	atgcaaacc	cacactgtca	ggattctaga	acttctaaaa	480
ttaaagtttg	gggaaatcag	tagctctgat	gagatcacca	tgaagagtga	attccccgtt	540
ctgcgccaac	attctgtttc	cagcatcagg	cagttgatgc	cattcttcat	gactctaaat	600
ggtgcattta	agaccagag	acagctgcct	gctgatagcc	caggaaactcc	attcttggac	660
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<210> 3604
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 3604

ttntttnaat	tttcnaatnc	ttgctctttt	attccgnagg	atcccatcga	ttcgaattcg	60
gcacgagggt	agcacaggcc	tgcccttgca	cccatgctgt	acagtgcggt	tactagactt	120
gtggccggtg	ttgtgctgtc	ttctcattag	catgcaatat	tcacttgact	gaattccttt	180
ttagctaaga	gaaatattac	agggcatgat	catttttaggt	tattaagggtg	tctaactcaa	240
tatgtaaact	gctgaaaaga	attatatgtt	tntatcagat	aatctcaaca	tttcaaaaga	300
caacacattc	agactacttc	ccttttcccc	caacttttat	ctaagtngctg	naacccccat	360
gactagtgn	cnaaanangn	gttttagttna	aattnnagtc	acccgtggat	nacaaangca	420
accctggatt	cccaatcctg	cttgtggggg	ggtttntng	gccaaatnga	nttaattttc	480
ttgggcaana	aannttttnc	ttcttaccat	taccnggaac	cccantantt	gcccaaactt	540
ttggnaaatt	ttttttaagg	aaaaaaaaacc	tggaaatngg	gggttaaatt	cttggnaaaa	600
ntnttttttt	tttaaaaaac	ttncattttt	attttaaaaa	aaaccccccn	tttaaacctn	660
gggggntcct	tttncctttt	tggaccttaa	nttaaatgga	anngatttgg	ggaacccaat	720
anantnaata	nnantatnnn	aanaananaa	ttnattnatn	ttntancnaa	ntaaaaaaaa	780
aacccttttt	naacnttttg	gnngggccgt	ttcccnnaaa	cccnanctta	tnanaannnt	840
tnntaattn	ggcaanct					858

<210> 3605
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1718)
 <223> n = A,T,C or G

<400> 3605

nctctaaaaa	tatctttttt	nattataaaa	ctttcnaaaag	tcttatngga	cnttngggna	60
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nantttcnna	tactctaact	gtcancnca	cnctcnacca	tactcaaca	tntatntctn	180
tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tntcatactt	300
anagnngncn	natactacta	tactanatca	ctctnnnctc	atacaccant	ntnccntatn	360
tatntcntca	natctcattn	nttatntnac	natannctac	acncnntnac	atctaacata	420
nntnnataac	natctcannt	tatctnntnt	ncaannctcn	nntatcactn	cnattcattn	480
aannacttan	accnccnntc	annnnnnaca	ncnncacntt	anctnntctc	cctannctna	540
ccctcncata	catattnnnt	anncncnat	ccttacntna	caantntcat	cctancnnt	600
tcnactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccncac	660
cactcttntc	antacncaac	ctattcatnc	nncatnatan	tntntanntc	ncatacacna	720
ccccatncta	tnatcaancn	ntcantcctt	cntttntaat	catnnanccn	netcnnetcc	780
tatnatgnnc	tctgccccta	nnntatcctc	ttcacnacaa	cncnactctn	netnccanac	840
natcntnata	nacncantnt	cactntatct	taacatnant	nmanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctcnt	atntcctnct	atctcnatca	960
ctcctccnnc	ctcattacac	atctcttata	atctncnnat	nncatntctt	ntcatctctt	1020
ntatcntctc	tatnnnactc	tcctatcnca	tntatcnaaa	cattactntn	tntatanatn	1080
acactctcnc	atcncctcata	ncactatntc	ncttnttata	tatntanatt	atcatcgat	1140
acntcnetac	tctcnatcac	tcatnatact	atanactnta	tnccncatat	cacanacana	1200
cctntcatnt	ntcacactcn	ctntnntana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatcntctt	ncattntntn	ctctatcntt	1320
tcnntcatat	ncgntntcan	atntnacnat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tnctcncnctn	anacnacata	tcttatatcn	nncatntcat	nacnnctact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatatcnc	ntttcatata	tanttaacnac	atnnctatan	attcntatat	ctctaccata	1620
taetntcttc	tactctatca	ngtaantatn	ctaanntatt	atttatatcnc	ncantctctc	1680
tcacncaccn	ctctatcnca	tctntctctc	tctatccn			1718

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1015)

<223> n = A,T,C or G

<400> 3606

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tccagcatat	tattattatt	atagtaatct	gattcttttag	caattcagag	aactcacctc	180
attagtgtc	ccttgctcta	tctgggcctg	tgggaaaata	cccttgcatc	tttctatggg	240
natggnccac	nggancncca	tctgncttta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccntg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccnngcn	360
anttaaaggg	gaantnttcc	ccccttgntt	gtttgccncn	ccccngtttt	ttacagnngg	420
gccgggtttt	aaaaaagana	ngtgntntnt	nttnaaaaaa	ttannatann	nntcnntttt	480
ngggggccatn	ncccttntng	nnnnnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnnnnnttt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggcctcnat	cncaantnta	natacccctt	nnnttgcgnc	ncnananatan	atgnnnncn	660
ctataantnn	ggantgttgg	nnnccnaana	natnntntan	tnatangtan	tgtnnntctn	720
nnnnctatac	ccnctgtngn	ttgtgcancn	ctcgngtacn	ctnnnnnacan	natnngntat	780
aatanntngt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840

cggnnancgt	nactaacctn	antttan	ctententat	naaancgtna	ccccgcctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt	960
cntcgtatn	tntannttgc	gnnacannng	gtgnnnaann	taaaggnncg	cgccn	1015

<210> 3607

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3607

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aaaatagaaa	aatcccttga	gcaatgaaac	aattgtgaat	gaacacaaag	tccatgaatt	180
taatccttat	ccgtttgctg	agccaagcat	gtgcatctgc	agtgggtggc	ccaggctggc	240
agcacagata	ccaccatttc	ccttttcttt	gctcagggca	tggcctgttt	atctcgttgc	300
accagatgan	gggttggaag	gatgatgggt	gtgggtgttt	cagatctact	gacagcaatg	360
agaaatcaat	gacagttgac	aggaagagag	gaccntcca	caggcaaaag	aggaatgccc	420
agcaatcttg	gtccttgcn	tgcaatactg	gccttgaggc	caagtcagca	ggggattcgt	480
aagtcactaa	cttctaactg	aggcagggaa	agtaccatgt	tctggaaaaa	gtnccaagaa	540
acnnggaatn	gangcagtgt	ancaagaagc	agattttggt	gccaataga	tttgaatcct	600
ggttctgctt	cttnccttgt	agagtatgat	attgggtcct	ttncnccaa	agctntnttt	660
aaagacttaa	tatgtncncc	aaatcttttn	ggatgtctga	cttttnaatg	cttnacaata	720
ggnatttget	ggnattatta					740

<210> 3608

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3608

tnntcnaant	tcnngctct	tgtcttttgc	aggattcctc	gattcgaatt	cggcacgagc	60
ttggaggctg	tttcagcta	gagaaagacc	tgcttatctc	tactgaata	aggttccaac	120
aggctgccaa	atcctgtgta	tgctgtacc	caaaggaag	gagtgccttt	cctcaattca	180
taaaaaagac	aaagacagt	gtaggatca	gctattatgt	cagtacatga	aaggaacccc	240
ctatctcaat	caaatggta	aaggaagctt	gtctcaaata	acagcaaaga	aactcagttt	300
accagactat	aaaagttctt	tggtaagaa	gataaagagc	tctncagaat	aagaatacct	360
atacatgtat	ggatgtgtgg	aaagtcgaca	aaatgtgtnc	aagcaagttg	aattctggaa	420
actttgagtt	tagcaaatag	gagggttaaga	aggctgttac	cgtatttgag	gaaccagatc	480
ttgaagggtt	catattccat	aataagtata	atatgaatat	taattttgna	atagaacagt	540
ttctacctgt	ataaaaagga	agccttaaag	agatngaagt	tagagattta	ctcatanggg	600
ggatgattgg	taactactta	cttatttccg	gaatntcaaa	agaccctant	ggaatngggg	660
gattntangg	ggaaaaaaat	ngacctcttt	tctcaaagat	gaaactgnaa	atTTTTTTac	720
cttaagaccn	ttgnaanaat	ggaaattacc	tttttaacct	tgg		763

<210> 3609

<211> 730

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3609
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 aaaacttttag aaagggtcta ttgaactttg gacaggcaag ctccatgagc tctccctcac 120
 tctttgagggc aggttaaagg gtacggccat gaccaccacc ttaatccttc agggactatt 180
 tacaaaagat tgaaaaatgt gcccagggcc cgtacctgcc cctctgtgga actagcccaa 240
 ctcaagtggg ctggcaggca agcctggcct tcatggggac agaagagaga gtttgcgggg 300
 agcttggcat ttttcaacac atgctttttg gcttctccta ctgnattgna atttccatga 360
 tatttggtgg gaaaaatgga caccgggnc cttttgcttt ttgnctgctg cttttcagct 420
 attggggatt ctgcgcttg ggataatgaa gcangctgtc atttncctcc cctaaataat 480
 gcattacaaa gtggaaaatgc aaatttcctg tgcaagctct aaataccagg tggattttcc 540
 ttaatatatt gnttttgacc tttggggaaa ttggtattac nagctgactt tggaaattaa 600
 aatacatcaa ggncctcatt ttaaataaaa caatcgatat cttaattttt aaatcagact 660
 ngattcnatt ccnggaaaag acatncatat ttgctttatg nggtnaaagt ttggaattca 720
 ggaggacaat 730

<210> 3610
 <211> 706
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3610
 ntttgaaatt tcgntantnc tttntttttt gcaggattca tcgattcgaa ttcggcacga 60
 gatacgatgg ggtgcttggg ggatgggcca tggagggtccg tgagctggaa ctgggcacac 120
 gccatcccag agggctcagg atgccccagg aaggaaagaa gggcaacaga ctacacgatt 180
 ggacgtgtgt ggttgactgg gatgaagtgt gagggagggg cagggccttg caggggattg 240
 gtactgatcc cagggaggaa agtggtgggg cttcatgaac tangatgaaa ggagcccctg 300
 accatgacaa ggggcacatc caggatttnc gccaccctga atttagtaga nctaatangc 360
 cctggttgtt actnttgggc aaggaatgcc gtnaaccttt ganggtncgc acccacttgt 420
 gtgttgccct cttgtntctgn cggggaaaaca tncaccctt gtcttaacca ccaaactttg 480
 cttgtgtntt cancaanggt tgncccttcc caangactta ctgnatgtac ccngacccta 540
 agccttgccct ttcacatatt nggagctttt ggattcatnt gactttgacc ccntctgctn 600
 tcacttgngg cctgaactgt tgatcaatgt tggcanaatn aaccnccttn tnnanctaaa 660
 gctactttac catccatata atgggattna aaaaaaaaaa aaaaat 706

<210> 3611
 <211> 885
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(885)
 <223> n = A,T,C or G

<400> 3611

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cgaggcaagc	tgagagctg	cagaggctgg	tagcgtggct	cagtccaagc	acagaggcct	120
cntnaccatg	gaagctgatg	gtataactca	gtctgaggat	gaaggcttca	gaacctgggg	180
gactacaggt	gcaagttctg	gagaccgaat	gctggagaac	cttgagttct	gatgtccaag	240
agaaggagaa	aaaggacttc	ccagctccag	aagagggaaa	aagcaaattt	ggctttcctc	300
tgtcttcttg	ntctatctgg	gtcctctgct	gantggatgg	tncccaaaac	ttttgggtga	360
aggtagggct	ttcttaccct	gntcatggat	tcaaagtcca	atctcttttt	ggaaacactt	420
tttccagnac	ataccccctt	naaataaaaa	tnntttancc	ttgtatcttc	ttnttaaaaa	480
ntaataaaaa	aatttttaaat	attnttatnt	tnnntnttn	nnnnnccntg	ttnaanntnt	540
atntttntn	anngactnaa	ntcnntacnn	tnnctcttcn	ntannatnna	antntcnant	600
tnanccttna	ntnnatcttt	tntanntnan	ntanacnnt	tntannnct	tnnatantna	660
ctatnttctt	tgtttantnt	cacanttatc	tnntctctnt	mntatgttnt	aattctactn	720
tnnnatattt	aaatgtcnat	ntntatctnt	nanaccatnt	tnncncanan	tnnttatcta	780
nttctananc	ctttatnntn	ttntcnttat	tnntgtctt	gtntntatcn	atntntttat	840
ntcnntntan	tnctntantt	nttannattn	antanantn	tnccn		885

<210> 3612

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3612

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gataataatt	agacaaactg	aactaaattt	ttttaacaga	tacctgagt	ccaagcttaa	120
cagataacctg	agtgccaagc	ataataaaca	ggaaatatac	acttcaaaaa	agaaaaagaa	180
aatgaatgc	atacttatca	aatacttgct	gtaagagcat	taagtacttt	acataagtca	240
aatcatttaa	tcctcatgac	cctaagaagt	tatttttaaag	atcttttgag	aatgagaaaa	300
aaggatgagt	aagggtaggt	gatctatgta	aaacaaataa	attctagtna	ctggcaaacg	360
tgagatttga	cctaaatcaa	tctgccagaa	gttctgagtt	atcttccatg	tgctcacat	420
agcagaaagg	gagatggcat	aagcacatnt	caggcctaga	ggtaacatat	actctggcaa	480
aagcntaaaa	ggtctatgaa	atcttacagc	aaggaaaggc	tatttctaac	agggaggact	540
cagaggaaag	gaagccaccn	tttaaagttt	gggtacctgg	aatnaatttc	ttaagacntt	600
tccccagatn	ggaggaccg	gggaaagaaa	gaaanccttc	ccaggaaggg	ccaanccngg	660
agccatgggtg	gtcaatgggtg	gtggtttaan	gggcnngaaa	aaaattnggt	ggggaaaccc	720
cnacccccag	gncnngggaa	aaaaaannnn	nnannnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnanaaaanc	ctc					793

<210> 3613

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3613

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tcggcacgag	caacagtcce	aaccagtcga	attagaccce	tttggtgctg	ctcctttccc	120

ttctaaacag	tagataacttc	tgatggattc	tcggcattaa	ctcctgtttc	aaaaaagtgt	180
gaacagtttt	atgaatttga	aagaaaattt	gggtagctct	ttatagcatt	cattcttaaa	240
gatcagtgca	gaatanggtg	attctaaata	aaccaatng	aagaatgaag	tatctctaca	300
gggtagtaac	ttggattcct	cttcaggagg	aaaaaggag	ccttaaattt	gcaagcctct	360
taacctaaag	gggtttcttg	gntncctngc	ctttccaac	ccccnnaaa	tggcnaagtt	420
gttggggggc	ctttncctat	tgnnnaaaag	cccccttgg	ggacctttt	ttaangggng	480
gngttanncc	cncntttnt	aaaagggncc	ccntngaaa	cccggtggan	tttttggat	540
attcncnaaa	agnggcaatt	tttttattgg	ngcnnntttc	cccttcaaaa	anttangggg	600
gnaattttct	accataccnc	ttaagtttnc	acccttnngg	aaaatttttt	ttttaaangg	660
gccccntttt	taaaatttcc	cagacaaggt	taaaaaccna	tnttanttat	tntttnaaag	720
ccnttttnaa	aaggtattat	ttttngnnna	agggcnntaa	anttttnagt	ccttannccc	780
tttttttcnc	aaaanctanc	cnnnaattaa	ccgcnttttt	ggggcctaaa	anaactnggn	840
cattttttta	aanaaaaggg	ccntnttaat				870

<210> 3614

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 3614

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gggnaaacct	ccngcgcnna	aaangcgcng	agnnnngngg	aacggngnnc	cacnngcann	120
nnnntnnggn	ggancccnng	gnacgggttt	nccncttttn	nancgngacn	ngngggcacg	180
ggggancngn	gcacnagnan	canaangcac	ggagccggcc	nnaangngan	agtaanncnc	240
ctaangaang	tagangannn	aaacatggnt	ncnccacaag	gcangagcag	caccttgggg	300
ctgctggnaa	gcccnnnatn	atgggggncn	ncttggacna	ngtnccggca	naaagggggc	360
ggggggcatnc	naanccnnnc	ccctcnnat	nngcaancnn	cnnancgggg	naaccaacc	420
agngcgaaat	anccancggn	gcctntaatg	cgcnaaacca	nggggcanca	cggaggggncc	480
tnngcgcggn	nacaaggcnc	acccctngna	cacgngngng	gggnacnnca	cncnccanacg	540
agcnggcanc	gnancccnnc	ncatnanggg	acccctacnn	nnnngggggc	nnannntnng	600
cgnngggggc	acantaccan	nanacaccgc	gngcganaca	nnctttccaa	accacggacg	660
aaannaccnc	gggagnatan	taanaccnac	nnccaaanng	gnncangcac	aateggcaac	720
ccntgggnnn	ntncntnang	ggagcccgga	nccccccacc	cagnntccnn	gananncaat	780
gncnccnnt	cnannaccnc	nccnttaanc	cnggggcncn	gngggnaang	gnggangccc	840
ccnnnacggg	ggnccctana	gnccctaaan	antnaccccn	ngnntncaca	aacnncaana	900
agnggcnann	nccctcgggn	ganncaaaag	nncgcganeg	cnnnnanenc	cnnnangntc	960
ntcngnncnc	nccacnnggn	cntccgcnc	gggagnncan	nggnnnnccc	ctncnctncc	1020
naaaagcngn	gcntcnncna	accnc				1046

<210> 3615

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3615

agggctgctc	ttgttctttt	tcgaggatcc	catcgattcg	aattcggcac	gagaaaagga	60
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gccagaactt gatgattttg aaaatttctca gccttttctgg ttggcagagg gtgatgaaat 120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggg cttaaagataa 180
agccaagact gtgccttttaa agcctgctgt taagacctga naaggtagtg ccttagcatc 240
ctcttcagtc acactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg 300
agcccaaggt agagggtanaa gagttcctct tggagagatc tatgggtata gcttttgnct 360
attgcngtga gatatgcnnng aaatccactg tagctaggac tgacnngaaa agaacngtnc 420
naaatgaaaa gagctgtcgg cacccttagc attctgctgg caggaaccag ctgagaaagt 480
gctcangact acacatgccc ctttcatcaa aagggaaga tgactcanaa gttggaagca 540
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taattcangg aactttcaag nggtttgncc ctggctnnga attcannaag tccagtattg 660
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<210> 3616

<211> 906

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(906)

<223> n = A,T,C or G

<400> 3616

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ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta 180
tctggnnaaa aangaacact ttttggactt antgtaatng ctntngnccc tgtaaaaggc 240
aangctance ncttaacttt cccanntnna ccttttnagc cagggaacca aatgnaaagg 300
gttaatggtn tnncatggaa caggactact ttgcttcccc tttggnggac aaantttccc 360
tagaacaan cttacccttn aaaacaccca aaaacnttcc caancccccant cntggnttgg 420
gcattagnga agcatggtn gtncccaaac tttacccaaa aggggacntt ggggagccca 480
ccctttntga cttcttgttg gaaattactt tntannngag gaacctggac ttggccttgg 540
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ttntnttgg gaaaganttc atttngcctt gntacntatt tccctttttt tngngtgga 660
ttaaatttaa ttttatttaa accttggtt caaactggac caacatttgg gttttcttnc 720
caacttangg gaaatttttg gaanttcnaa aactgnttcg ctttttgaaa gancttngct 780
tttttttgg naaaanngtt ttnggaattt gggctgttaa ccnaantttc cnttnttgg 840
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tggntt 906

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<210> 3617

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 3617

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ctaactnctgt aacctanntt tcttgacgcc nncntcgcnc taaactacnn tgnctnnggn 60
nctcncctt taenccaccc ctcacccccc tcttttnntt ctccgnngcc tccccccccc 120
ctcccnctn nntgcccnc nccctancn ccccnctt tcnncctcgn cnntcncctc 180
ccttccnc ctenccccc tctcncnnt ctnnccccct cccccccctc tccgcacctc 240

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tctntccccc	tncctgtgt	ccccnccct	ncccttccn	tctctctncc	ccnntacttc	300
cnctccccc	ncactccctc	ctctcnncn	ctnccctnnc	tncenctcan	ccccctctc	360
ccctctcacc	cncctccccc	cnnnnccct	ccccctctc	tnnnctctct	cnncccnncn	420
ctctctcttc	tccctnnan	nccccctnc	nccctctacc	ctnctccct	nnctccctct	480
ncctacctcn	accttccctc	nnccnctcn	acncnanncc	tctctctnnc	tcctnctct	540
cnctncttcc	ctctnctcta	tncnncntt	ctccccntt	ctccnctcc	tcctccctcc	600
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ttcatcatct	ctctcacatc	tctctctctc	tctctctctc	tcactctct	tctctnttc	720
tacctctct	cnctctntca	ctctctccct	ccctctancc	ttctctctc	ctcncccttn	780
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ccccnncnc	ttcnngncat	ccccctctt	ctctcnctc	ttccnnncc	ttctctctcc	960
tcantctcacc	ctnctnccctc	ctctctctcc	ctctctctcn	atcccccccc	ttctctctcc	1020
ctctctatccn	tctccantcc	tncctctctn	ctcnncctac	tacacnctcc	ctctcccccc	1080
ntntctctncc	ncctctctatc	ctctctcnatt	ccctcncttc	tcctntctnc	ctctntccct	1140
tctctnctctc	ctctccccctt	ctntctctnct	ccctctctcc	ntctnncct	ctctctctct	1200
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<210> 3618

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 3618

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gaattcggca	cgagcccaac	cccaggtgtg	ccgcgtgtctg	cccttgagag	ccctgccccn	120
cgctgtgacc	ccggagatgc	ncgcccgtgt	ggtagactgg	ctgggtccang	tgcacgtagg	180
agtacctggg	tctggctggg	gacacacttt	atctggcggt	tcacctgctt	gattcctacc	240
tgagcgctgg	cccgngtgcg	tntacatngt	ctgcaactgc	tgggcgtggg	cttgccctgtt	300
tgtggcgctgc	aaaatgggaa	aagtgcgtgc	tttcengaga	cccnacttnc	tnntgnntct	360
tgnnngcgga	nnntcttttt	ttannnggng	ggaactttat	tgnnctnccc	aaacnntngc	420
antctntnnn	ncnccnctn	gaattttctg	ggcttnanta	ccaaannccn	gnnccganng	480
nttgatncct	tnccgacttt	tttggnncnc	ntccttttnc	aangganatn	aaatcccccc	540
aagttgaaat	gtgncannnc	ttaaatttnt	tgggaanctt	ggtanttttg		600
acttgganag	ncnccnaatn	gccnnncng	ggatttttga	aaaccccggg	ttnnctnatn	660
ngcnnggttt	ttgngnnatt	tttttnnacc	cttnggggnt	ccaannnnnn	attttggntt	720
tctaaaatng	gggggcctng	gggcttttca	atnggggntt	tcatagcncc	cannnaaaan	780
tnnttttaac	aatatacccc	ctnannngnt	aaantttgng	gganaaaccc	cctttttnat	840
aagnccccctn	ttntnaaaaa	atttttntta	aatgggnan	atcnntnta	tttttanacc	900
tntanganaa	atttctcacn	tnaacatttt	tgtnatatan	nnggatnnnc	anaatatattg	960
gtnanccaaa	aaatatttta	tgttggacnc	cnaaaaann			999

<210> 3619

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (879)

<223> n = A,T,C or G

<400> 3619

cnaaatacng	gtacntatct	tencaaaggn	nnctanntng	ccctaaanan	aatngngtnn	60
gggggttang	nccattttga	tgttacagga	tacttgtaag	tgactttttg	ccattctctt	120
ttgttaccca	tggcctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttggtga	catgtnccac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	mntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaagg	aacattnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnattttcta	ttactttcaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangcn	ctcctttcac	nnttcnnggt	cnttcttacg	ntanccgnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccnctcn	tcnanttaac	cctcnctctt	600
tgcnttgnaa	cccctcgccc	ccctcctcgt	cnnccctttt	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnt	aacccccanc	ccctctncta	ccttttctct	caaaaaagtn	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tnctacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnnta	ntccatntnt	840
acactctccn	nanctactn	ctcnccnnnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(959)

<223> n = A,T,C or G

<400> 3620

nngtnttttn	aatttttcnna	agnccctncgc	tttcaaacct	tggtatcccat	cgattcgctt	60
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ccttggttctt	acagcatacc	ccatagaatc	aagcctcggt	attgccaggg	ctgaactgac	180
ttttttggtt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatctaata	tttaccatat	tcttctactcc	actgaccact	ccaattagga	tactcctggc	300
actcctggnt	ttagagaggc	ttagatatgt	ggctatttat	ccttttggn	ttnancactn	360
ggnttttgnc	ttttanctaa	accnggant	ttcctgggga	nccaaaaact	tgtnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaaggcg	ttantattnt	ngnnctnata	atttttcggg	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	gggngnatn	600
tttcttgga	taggccncct	tggaaaaacc	cccaaaatnc	ttggaacagc	ccgcaaataa	660
anatttgggg	nccttcnctg	ggnnctttct	ttaaaanaaa	nggccttttg	gnancctttt	720
tnggggggaa	aaagntgggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaaanaann	tncataaagg	nnaanaaata	accttgggg	ngcccccttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900
tttggtttta	aggaanccnn	ttttggatcn	aaaatttttg	gggacaaaaa	anccccct	959

<210> 3621

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = A,T,C or G

<400> 3621

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tcctattttta	cgtggttggt	gagaggatcc	gatggaatga	ctagctgaaa	gtgtttgttaa	120
aagtacaggat	aagtaaagca	atgctgcagg	aacaaacaat	cccaaattt	cagcagctta	180
ctacaaaaaaa	atatgtattt	ctcactcatg	ttcatgtcca	atgtgtgtta	gcaaggagat	240
actgtctctc	acagtcatgc	aagacccctt	gctggggaag	ctgcacctnc	atatatgctt	300
ctaccatcac	cagggcagag	gagaggagag	atggtggatc	atcactggct	cttaagactt	360
tacttgngng	acatatgtna	cctntactca	tggntnatnn	ggccaacca	ttacatgggc	420
atagnctnac	tttaaaaagg	gcaggagaag	tgcaaaactta	tcatggggccc	caaggagaag	480
agaatcanag	tattttctgaa	cagntttaat	ttttggccag	accttgaaag	tncttaagaa	540
attagcttcc	aaaaaatatt	atggaatatt	tttcaattct	tccaaagcca	gcctgggtant	600
ttnggattca	ccaaccggga	aaggtcctctg	gnaacttctt	aaaacttggc	naggggaggc	660
cttttacctt	ggaatggtnc	aannaaattt	anctcnattn	aaantttcaa	accaaggggt	720
caaaaattcc	aaccgaatgt	tnanccaant	ggggncncca	aacctttgaa	accccnngng	780
nncccncttt	nacttaagct	tacttgnnnn	accngaactg	ggnnnaaaan	ntnttcccn	839

<210> 3622

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (874)

<223> n = A,T,C or G

<400> 3622

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tcccatcgat	tcgaattcgg	cacgaggcgg	ctggcggcaa	aacctctcga	tgagccctcg	120
cccgatgccg	cgggggagag	gccngacgg	gaccgagaag	tgggctggga	gcagaggteg	180
cggatgtggc	nagcgaggcc	ggggcccatg	cngggaccgg	aaggggccc	ggagtggcng	240
gcacgccagg	gtcagggtgc	cgngcgaggg	anggggccc	gggttnggga	aggggncng	300
gtgaggagg	ttaaacagcc	ttgcaggcct	nngggnaccg	atgttggacg	gcncngcng	360
natgtgcgag	ggcccgcccc	gcatctcggg	gcccaccccc	acatacngac	gctctgtcct	420
gacaactnca	tgetgcccag	tcngctcaag	ggcgccctga	tggaaaccgc	tgaactggac	480
ttgctgactt	ccnacgggccc	ctggacacna	ncgntgcenc	tngggccctg	gcattangtc	540
cngngggccn	gaaaaggatn	ctgggnagnnc	cggtnacagc	ccngcctttc	ggngnacntn	600
ncttnnntgc	naacttcogag	gggggggatct	taaccttaag	gttccctggg	gnccctttt	660
ttttaaaaga	nnggaaaagg	gacnccctta	angggncccc	nttgaaaaaa	agggatntaa	720
acccttggan	ggcccggggt	tncaannngg	aaagaaattt	tcaaaaaaan	cctcnttttt	780
taaaaaaaaa	aaacnnggg	aaacnctntt	tancccnngg	ggnaanncct	anggggggnc	840
caantneccc	aaaaggggcc	ccccctttgn	aaaa			874

<210> 3623

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (749)

<223> n = A,T,C or G

<400> 3623

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attcgaattc	ggcacgcagg	tnngatcctg	cactcnnttt	anngagccct	tgncnnaatg	120
ccntgngnga	gagggcngga	gcgggaccga	gaagtgggct	gggagcagag	gtcgcggagg	180

tggcgagcga	ggccggggcc	caggcgggga	ccggcagggg	cccgggagtg	gcgggcacgc	240
caggggtcagg	gtgccgggcg	agggaggggg	cccgggggtg	gggaaggggg	cccggggagg	300
gaggtaaaca	gccctgcagg	cctcggggga	ccgttgctgg	gcggcgccgg	cggcatgtgc	360
gagggcccgt	cccgcctctc	ggggcccac	ccccagacc	gacgctctgt	cctgacaact	420
acagggcgcc	gactcggctc	aagggcgcc	cgagggaaac	gcgctgaact	ggacttgctg	480
acttncgacg	ggccctggaa	ccacgtcccc	gtggcccctg	catcggtccc	ggtgccggag	540
agatcctgga	gcgcggccac	gcggccgtcg	gggacgtgct	gttgcaactc	aggggggac	600
tncctaggtc	ctggggcctc	ttntcaagan	gaaggaccct	taaggaccat	gagaaggaga	660
acctgagccg	gatcaaggga	gatttaanaa	acctttaaaa	gaacanganc	cccaacceng	720
ggancaaggg	ccaagccaag	gccccttna				749

<210> 3624

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3624

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aattcggcac	gaggcctccc	gacccccct	ctccccctcc	ccacctatcg	tcattgacggc	120
ctctccggat	tacttggtgg	tgttttttgg	gatcactgct	ggggccaccg	gggccaagct	180
aggctcggat	gagaaggagt	tgatcctgct	gttctggaaa	gtcgtggatc	tgccaacaa	240
gaaggtggga	cagttgcacg	aagtgtctag	tagaccggat	cagttggaac	tgacggagga	300
ctgcaaagaa	gaaactaaaa	tagacgtcga	aagcctgtcc	tggcgctcgc	agctggacca	360
agccctccga	cagtttaacc	agtcagttag	caatgaactg	aatattggag	tagggacttc	420
cttctgtctc	tgtactgatg	ggcagcttca	tgtcaggcaa	atcctgcatc	ctgaggcttc	480
caagaagaat	gtactattac	ctgaatgctt	ctattccttt	tttgatcttc	gaaaagaatt	540
caagaaatgt	tgccctgggt	cacctgatat	tgacaaatgg	gacgttgcca	caatgacagg	600
agtattttaa	ttttgagaag	agtagttcaa	tctctcgata	tggagcctct	caagttgaag	660
atatggggaa	tataatttta	gcaatgattt	cagancttat	aatcacagg	ttcagatcca	720
gagagagtgg	attncaagtt					740

<210> 3625

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3625

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ggcctctccg	gattacttgg	tgggtgctttt	tgggatcact	gctggggcca	ccggggccaa	180
gctaggtctg	gatgagaagg	agttgatect	gctgttctgg	aaagtcgngg	atctggccaa	240
caagaagggtg	ggacagttgc	acgaagtgtc	agttagaccg	gatcagttgg	aactgacgga	300
ggactgcaaa	gaagaaacta	aaatagacgt	cgaaagcctg	tcctcggcgt	cgcagctgga	360
ccaagccctc	cgacagttta	accagtcagt	gagcaatgaa	ctgaatattg	gagtagggac	420
ttccttctgt	ctctgtactg	atgggcagct	tcattgtcagg	caaatacctgc	atcctgaggc	480
tnccangaag	aattgtactat	tacctgaatg	cttntattcc	ttttttgact	tcgaaaagaa	540

ttcaagaaat	ggtgccctgg	ttcacctgat	attgacaaac	tgggacgttt	gccacaatga	600
cagagtat	aaantttgag	aagagtagtt	caatctctcg	anatggagcc	tttcaagttg	660
gaagatatgg	ggnaatntaa	tttagcaatg	atttcaganc	cttataatcc	anggtttcag	720
atccngagag	agtnattac	aagtt				745

<210> 3626

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3626

agtnnttnt	tntgactcnt	tgctggnnna	gctgggtttt	tgcaggaccc	atcgattcga	60
attcggcacg	agccccaccc	attagttntg	tgggcctgcc	caacaccttc	ctgggttcac	120
atccggccag	acaagaaaga	agccaaaaaa	ctttccgtct	accactgcgc	ctcctcatgc	180
ccaccccatc	ctattagcct	aaaatggaac	gggctaatta	gtttatttgt	atagggaggg	240
gtttcagctg	cctggacaaa	accaggagtc	cactgtccaa	gcttcttctg	ttttcctgag	300
ctcagaagaa	aaaaagtgtg	ttagactaag	ataataccgc	cttttgaata	tctcggttc	360
atatttgcct	ccatgagtga	gagggccaag	tgttatctgc	aagttgaatc	ttctatattc	420
aaaaatctcc	atcccttttt	tctgccagcg	cattcccaga	tcagccgttc	acttgctcta	480
agcctctata	atctatgatt	ttctttntct	tttaacctgc	tctttccatt	ggccagttta	540
ttcattttct	agctacagct	tcagaggggc	tcaccttcng	gcttccgncc	caagggcatc	600
tggaggcttc	agttctgntt	tctctgctga	gtcaggagcc	agcccacttg	atttggtctc	660
cgtgtatctt	tgngtctctg	ctcantctnc	tgctagtgtg	ccttgggtgc	ctcatcaatc	720
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<210> 3627

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3627

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tcacatccgg	ccagacaaga	agaagccaa	aaaactttcc	gtctaccact	gcgcctcttc	180
atgcccaccc	catectatta	gcctaaaatg	gaacgggcta	attagtttat	ttgtataggg	240
aggggtttca	gctgcctgga	caaaaccagg	agtccactgt	ccaagcttct	tctgttttcc	300
tgagctcaga	agaaaaaaag	tgtgttagac	taagataata	ccgccttttg	aatatctcgg	360
cttcataatt	gcctccatga	gtgagagggc	caagtgttat	ctgcaagttg	aatcttctat	420
attcaaaaaat	ctccatccct	tttttctgcc	agcgatttcc	cagatcaagc	cgttcacttg	480
ctctaagcct	ctataattta	ttgttttctt	ttctctttta	cctgctcttt	ccattggcca	540
gtttattcat	ttctcageta	cagcttcaga	ggggctcacc	ttcgggcttc	ccgccccaa	600
ggcatctgga	ggcttcagtt	ctgntntctc	tgctgagtca	ggagccaggc	ccagcttgat	660
ttggctcccg	tgtatctttg	ngncnctgct	cantctctgc	tantgtgcct	nggggtgcctc	720
atcaatctct	tccatcctgn	g				741

<210> 3628

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3628

agagnnnnnt	tntancta	at	gctggna	tag	ctgggctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagcttgatt	aggtcttttag	gggccgaggg	actagccagc	tgcacagggtg			120
actggatggg	ggaggggcan	gtgaggtggg	tctacagagg	tggcttcgcc	tttgaccttc			180
atgctggtct	cggctgaggt	gacacgctag	tgacagccca	ataggggggtt	acccttattg			240
agtaaaatac	ttcagattga	cagctcaatc	ttagtttgcc	tccagttaat	cttttatgct			300
tagggattaa	atgtgtggtt	ttttntttgt	nnnnnttttt	tggagacgga	ntctcgntct			360
gtcaccang	ctggagtgc	gtggcgcat	ctcgntcac	tgcaacctct	gcctcctggg			420
ttcaaacgat	tctcctgcct	cancctccca	agtagctggg	attataggcg	cccaccacca			480
tgcttggtta	gntttttatt	nttagtanan	atgggggtttc	accntgttg	gccaggctgg			540
tctcgaactc	ctgacctgct	ngatctaccc	acctnggntc	cccaagtgtc	gggattacag			600
gcgtgagcta	acatgcctgg	ccaggggatt	aaaatattca	aacatgttgn	gtgtaccag			660
atatgctgnt	aatttangaa	aaacagtnca	atttctatga	aatgggtggg	gactatttnc			720
tgtantcaat	acattnggga	tat						743

<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 3629

agagnnnnnn	ttgtanctaa	tgctggtnta	ntctgtntct	tttgcaggna	tcccatcgat	60
tcgaattcgg	cacgagcttg	attaggtctt	taggggcccga	gggactagcc	agctgcacag	120
gtgactggat	gggggagggg	caggtgaggt	gggtctacag	aggtggcttc	gcctttgacc	180
ttcatgctgg	tctcggctga	ggtgacacgc	tagtgacagc	ccaatagggg	gttaccctta	240
ttgagtaaaa	tacttcagat	tgacagctca	atcttagttt	gcctccagtt	aatcttttat	300
gcttagggat	taaatgtgtg	gttttttttt	tgttnttttt	ttttggagac	ggagtctcgc	360
tctgtcacc	aggctggagt	gcagtggcgc	cgatctcggc	tactgcaac	ctctgcctcc	420
tgggttcaaa	cgattctcct	gcctcagcct	cccaagttagc	tgggattata	ggcgcccacc	480
accatgcctg	gctagttttt	tatttttagt	agaatggggg	ttcaccctg	ttggccaggc	540
tggtctcgaa	ctcctgacct	cgtggatcta	cccacttggc	ctcccaatgc	tgggattaca	600
ggcgtgagct	ancatgcctg	gccagggatt	aaaaatattc	aaacatgttg	ggtgtaccca	660
aaatatgcct	ggtaatttag	gaaaaacagt	ccaatttcta	tgaaatgggt	tgggactatt	720
ttctgtagtc	aataccaatg	gggatattct				749

<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3630

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agtgtnnnct ttgaaacctt atgctcggt tagctgggct ttttgcagga tcccatcgat      60
tcgaattcgg cagcagagca tgccctaaag agggaccagc tgtagtaggt cagttttattc    120
aagatgtcaa gaactcaagg tctacagatt ccattcgtct cttagctcta ctttctcttg     180
gagaagttgg gcatcatatt gacttaagtg gacagttgga actaaaatct gtaatactag     240
aagctttctc atctcctagt gaagaagtca aatcagctgc atcctatgca ttaggcagca     300
ttagtggtgg caaccttctt gaatatctgc cgtttgtcct gcaagaaata actagtcaac     360
ccaaaaggca gtatctttta cttcattcct tgaaggaaat tattagctct gcatcagtg     420
tgggccttaa accatatgtt gaaaacatct gggccttatt actaaagcac tgtgagtg     480
cagaggaagg aaccagaaat gttgttgctg aatgtctagg aaaactcact ctaattgatc     540
cagaaactct ccttcacagg ctttaagggg acttgatata aggtcatca tatgcccgaa     600
gctcaatggg tacggctgtg aaatttacaa tttctgacca ttcacaacct attgatccac     660
tgttaaagaa ctgcataggt gatttcctaa aaactttgga agaccagat tggaatgtga     720
gaagagtaac ctttggtcac atttaattcn                                     750

```

<210> 3631

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3631

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agnnnnnnnn ttttactaa tgctgggcta ctngttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgagagcatg ccctaaagag ggaccagctg tagtaggtca gttttattcaa    120
gatgtcaaga actcaaggct tacagattcc attcgtctct tagctctact ttctcttgga     180
gaagttgggc atcatattga ctttaagtgg cagttggaac taaaatctgt aatactagaa     240
gctttctcat ctcttagtga agaagtcaaa tcagctgcat cctatgcatt aggcagcatt     300
agtgtgggca accttcttga atatctgccc tttgtcctgc aagaaataac tagtcaacct     360
aaaaggcagt atcttttact tcattccttg aaggaaatta ttagctctgc atcagtgggt     420
ggccttaaac catatgttga aaacatctgg gccttattac taaagcactg tgagtgtgca     480
gaggaaggaa ccagaaatgt tgttgctgaa tgtctaggaa aactcactct aattgatcca     540
gaaactctcc ttccacggct taaggggtac ttgatatcan gctcatcata tgcccgaagc     600
tcaatgggta cggctgtgaa atttacaatt tctgaccatt cacaacctat tgatccactg     660
ttaaagaact gcatangtga tttcctaaaa actttggaag acccagattt gnatgtgaga     720
agagtacctt ggtcacattt aattn                                         745

```

<210> 3632

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1304)

<223> n = A,T,C or G

<400> 3632

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gnnagcgttc ncncttntng gaaacnttt cnaantngct ggggaacncc gaaatcgcn      60
nnagggtcgc natgcganc gcaaagtcac accaaaactt cacttaagta gtccctattt    120

```

ttactccagt	gcttatnnca	ttatctagca	gaatgtacct	tcattngatc	cactatttac	180
cantgattaa	agtggagcng	tcngtggagt	tatacgnnac	tnngnagact	tntgtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aanttttnatg	cctatagaac	atnnnangaa	300
acaggagcag	gatcntngtc	tataatatn	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tcttanaacc	ancctanctn	antgctnccn	agtttttctn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcacnt	ancctnctn	cccnantgna	naaactnnnn	480
ccccnnanan	ctntnntnta	gctcannnct	ctttaacnac	ntnnnnnatnc	ntntnannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnctt	600
nnctntttnc	ncttctnnct	aacatcacgg	ctatnccgnt	aaatnttcta	cactcacggg	660
tgananactc	ggncctnacan	tctnccggag	nectatacctn	tcgcnnnnca	cagtntgcgn	720
tatnnncnaa	taagaanaa	atctnctctc	nnananantc	nccnttcctn	aaccannaca	780
nnntgnntct	catnnacnnt	ncgtaangcn	agtaacnccn	tantcancat	actnacatan	840
nagtntatcn	aactntncnc	ttctntnanc	tananaacgtn	tcacncttnc	ntatanaact	900
cntattanac	tcanaacnngc	tcctnngnga	tngtntctctc	tatnganann	nnnncannnc	960
tanngnnnat	nactccgacn	gtacacctat	ataatagant	ctntacncct	ctattcatca	1020
gatnnanttc	tcanagantt	nnnnntaaca	ttatnccnac	tanacnatgn	tcancctna	1080
nattcggunc	netacacntn	ctacnccatc	tcnagentnn	tacttctcac	aannnnancct	1140
nctntacnnc	ntacanatan	tatcacanat	ccnccgnaant	ntntntnctn	cntagnngta	1200
canactnncn	tctatntcta	cnnataaata	tntcctatcn	netcanatcn	cncntntant	1260
cngntacgnn	tntcgcannc	nctcctcatc	ntntcngnac	nent		1304

<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3633

cnaaatncc	gctacttttg	atttccngna	ggatcccatc	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctgggtct	gttggacttc	agggatattt	180
tctttttttg	taaaatgaaa	actacaaaga	aacctgactt	ttcaattttt	tatacatgta	240
attttctaga	aatctaggaa	gtcattttaca	catccttata	taccatgagg	ggcaaaaagta	300
agctttcttc	ctcccaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggctggaat	aggtgggtga	aatttcctaa	420
gtctgctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcatgtcccg	ggctgcactn	acanggtttg	gggcanaaaa	aanccaaaca	tttcacccac	540
aggcaagctt	gcttntcggg	aacccccnaa	gctgggtcct	gcgacagaat	ttggtnaagg	600
acccttnacc	gnttggtcac	tggctgcatt	tgnggccaan	accccccccc	gcctnattnn	660
gaggatttta	aaatttggan	tgggttggct	ggccttgac	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 3634

ctaccgcctt	atgntatcgn	nccttccnna	anananangc	tnggcgaatt	cggcagcagg	60
atctatctct	tctccctgcc	cattaaggaa	tcagagatca	ttgatttctt	cctggggggcc	120
tctctcaagg	atgagggttt	gaagattatg	ccagtgcaga	agtcnnancc	cccccccnnc	180
cnctcnncn	cnccctcnc	ncnttccctnn	ntccccctc	ccnnntccnn	ccnnnnnnct	240
nancancn	ctnacnct	cnctnctenn	cncccncca	ncncccnacn	ccaaccnnnn	300
ccnnncnnnc	ncaccanccc	tnntnncccc	ncnnatntnc	tcnancnt	acnncnctn	360
ttcctctc	tcnctcnc	cnctctttn	cacnctctc	ntacctcnc	ncnctctcc	420
nnncnnnc	ccctctann	acnctann	accccccn	atacanctn	ccnccnctn	480
tcncccn	ntcanntcn	tnntcncnc	tnnnccctc	ncnnnttttn	nantccaanc	540
nacnccnnt	ncctctct	ntatcctnc	cttacctctc	tcctactcn	ctctcctc	600
cncctctccc	tcnccctc	ctnnctctc	nnnancctc	ctcncccn	cncacttcc	660
anccttctnn	ncacacccat	tcnntacac	nnncnnc	ctnnccctc	cacnnntct	720
cnctctctc	ncnnanncn	ncnncann	ncnctcnn	ctctannann	cnccnnncn	780
ncnccnctn	cnctcatctc	tnctctnct	cntntcnca	tctcnntntt	ctntcnncn	840
acnacttcc	actnntcnct	cctcctann	ncanctcnn	tctncccn	acnatnatnn	900
acnccnnnc	tnctcnnn	tnatcccc	tctcnctctc	nttcanncn	cacnacttcc	960
ctccnnntn	ctatcnant	cnttcacnn	ncctctcnc	tnatatntn	ntacnctcnc	1020
ctctcacctt	cacatcatna	tacnacnaca	cntctatnna	nnctcnctn	ctancnctnn	1080
ntacnnccn	nnncnctnc	accnncctc	ttctcnctn	tctctnctnn	catctnnnt	1140
nantctnca	ntctctntc	ntnctctnn	actctnncn	ncnncacna	ctntctatnc	1200
nnccacnaat	cancatcnct	cctctctnnc	cntctntctn	nnctctntac	tnancacatn	1260
tnctcnctnc	tctcccc					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3635

gnnnttnnan	ncnnnttnc	aaatngctag	gctactngtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcagcaggc	tgtttccctca	agaaaatgaa	gaggaagga	tggctcangg	120
aaagttaatc	agagggaaaa	tgctactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggc	agtgaanacc	acttaaanac	aaactgaanc	ctatgaaggn	240
gcatgctatt	ccccagagc	tgaaaagata	agtgaatng	tgtatgaact	cttaagtggg	300
ggtgaagcag	aatttattag	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttcccat	ggacaaaact	ttctcttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggacctttga	acgtactcat	gcccaggtct	actntattca	tttattnttt	tgtnnagatg	540
gggacttcaa	ctctgtgtct	caaagtatcc	tnccacctcg	gcctcctaaa	gtgtgaggat	600
tacaggcggtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcctagggtg	ggtctaatta	720
atactcggat	tgagaacct	gctacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcacacgcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tgggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggctctg	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcacacgcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tgggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggctctg	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngcttngg	gcccaancat	60
ggnnccnnt	aagtaagatn	tntnnnnngg	agctgganaa	tcagnactgt	cccagccgat	120

gggtngttcc	nactggggagc	anangaagcc	ttgaggacct	actcacanat	angaattgaa	180
gattatcttn	aaaacaatct	tccactantt	ctgacnatac	ttggagcctg	ntccacgtgc	240
atnccacctt	gggaagcctc	tncaaagagc	tttcngagct	nacactgaca	gntncanttt	300
ccncanaaac	ccacnatagc	ctngetgngt	ctgtctnccc	ggcangagtc	catnctcact	360
gccgggacac	tcatnacant	ctccacgnct	tnoctcttcc	cancctgnat	ggagcctccn	420
nggctnnnga	acgntnccca	agtcaatnct	cacnnatncc	ngnagctgcc	tntnagcact	480
nntcttggcc	canctccctc	cttgacanaa	tcatnaccca	ncatgacnct	cactnngcca	540
tnccnntcna	canttttttn	tcttcattnc	atnttntctn	cccatngnna	cntcnaaacc	600
nnctagtana	ccccancant	ctcgnnatct	nencaaccng	nncancnana	cntttgntct	660
ttntncnntn	tgatcntcca	cctnntcttn	tctnncnatn	tncaataatc	ntaatcccta	720
nacatnctac	tcttaaact	ccttntctta	nnttcccaca	catctgttna	tacntatccc	780
tnctnccca	tgnntnnnat	ctcanntccc	cnnngnctnn	annatnttac	tcagccctnt	840
cctttatnna	nntcnntnca	ccncgnnagt	nnnnccatan	cnnanatttn	nncancacan	900
cnctctcntn	ttttcaaacc	tncncccg				928

<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3639

gaacntatct	ntgtgtagct	cgnantnncc	taaatanaat	aggctgggng	aattcggcac	60
gagagtgagt	ggtcttacca	aaaatccagt	atccttgcca	tccttgccaa	atcccactaa	120
accaaacaac	gttccttctg	tgcccagtc	tagtattcaa	aggaacccta	ctgccagtc	180
tgcaccattg	ggaacaacac	ttgtgtgca	ggctgttcca	acagcacact	ctattgtaca	240
agccacaagg	acttctttac	ccacagtggg	cccatcagga	ctctatagtc	catcaactaa	300
tcgagggtcct	atacagatga	aaattccaat	ttctgcattt	agtacttcgt	ctgctgcaga	360
acagaacagc	aataccaccc	caagaattga	aaaccagaca	aacaaaacaa	tagatgcttc	420
tgtcagtaag	aaagcagctg	atagcacatc	acagtgtgga	aaagccactg	gcagtgatcc	480
aagtggtgtc	attgatctca	caatggatga	tgaagagagt	ggagcttcac	aagaccccaa	540
aaaactaaat	cacactcctg	tatcaaccat	gagttcttct	cagcctgtgt	cacgaccatt	600
gcaaccata	caaccagcac	cgnctcttca	accatctggg	gtgccaaaca	gtggaccatc	660
ntcagaccac	catacactta	ctacctacag	cttcaactac	ccngaatgt	aacacatcgt	720
ccagtaactc	angtgaccca	caagaatncc	ctgtaccaag	agctccttnn	aaaccaccan	780
n						781

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

ctaacnaatt	antgngnang	ctcgtncttn	ccgaachana	nnggcggggg	cgaattcggc	60
acgagattta	gtcactagct	ataatacatt	tagtgaacaa	atgtagtctt	gcactaaaat	120
tagagaatac	ctatcctttt	caagaatata	taaaataatg	accatatata	taccacagag	180
taagctgcaa	ccaattctag	ataacttaaa	tacagaccat	gtttggaaat	ttaagaaaaa	240

aaaacacatt	tataacttgt	ggatcaaaaa	agtcatagaa	cttagacaat	acttggaact	300
gaatgtaa	ataaatgcta	ttaaaatttg	tagtatgcag	ttaaacagga	cttggtatacg	360
catttatata	tctaaatgca	tgtattagta	aagaaaaaca	aatagaaaat	taagtttcca	420
actgaaaaag	ttagagaaca	acagatccat	cagaggaagt	agacagaagt	tataaagagt	480
tataaaggta	accaggcatg	gtggtgcaca	ccctatagcc	ctagctactc	ngnangnnnn	540
gnnggtnn	aggnttgctt	gnnncnnga	atccnacngt	ccnnncngnc	cnattgatcg	600
gcnnctgcnc	aatngnnctn	cttctancct	cacccctngg	tcnaccatan	ggnganncan	660
nncatactcn	tengcacanc	ctatttcctc	nananggtng	gntcctccnn	nnnatcttnc	720
ncnnctctc	anctancttn	ncatnttnnc	tanntcnant	cctccatatt	ncnnctcnc	780
ccnactactc	gntnacgnct	cnnctttctn	caanannngn	gancctntna	nnngncaaca	840
tnctctngtn	ccnennctn	nnctnnntnn	ncenncttct	nnctctctnt	ttcnngcan	900
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<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 3641

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aacgtcattt	tacctatgtg	ccagcgacaa	ggtagattcg	cttgnccaa	ttttgcacat	120
aaggaaacag	ccttagagag	gttaggttgc	ttgtgcaagc	ccagggtagg	tggcaccag	180
tctgccagtc	tgcaacgcac	tggatatctn	cagccagtag	accttgctcc	ctgggtgccc	240
agtctctggat	ctcaggaaan	gtggattaag	gctcctagtg	gcgggacctg	ggtggggatt	300
tgctgcctc	tgggtggcaga	agggacatca	ccctgggtgt	gagacttggtg	ggcatctgtg	360
aggcggtctt	ttcatccnan	ggaagccgga	cctcaaactc	gacctcagcc	ccaggaaggt	420
gccancanga	nggtgccacc	tangagggtg	ccaccagggt	tccgccnggg	tctgctgggg	480
ccctgctcca	tcttgntga	nncacataan	cncctaagct	gtcacnagac	ccagggnttn	540
actgtctggg	ntttganncc	tgtgnnngcc	ccctgagccn	atctgntctt	ntctcctctt	600
tggggccct	canntttccc	nttttcantt	tannantctc	ncnnantnna	ttaannctcc	660
cnggggccaa	actntatn	taggaaacnt	ncactnctn	annaatttaa	atttatnntc	720
tacacttcaa	ctctnccatc	tnnnaactgc	ctnnacnca	atntatttctn	tnctnnnnct	780
ccnctntcta	natcatcnnn	tctatctctc	tatatnntca	ctnnnctnat	nanaaaaact	840
anncngtgcg	tctttcntta	gaacncct				868

<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3642

tnnacaattn	cnctgtctac	tcgttctttc	cgcaatannn	ntgtctnttc	gaattcggca	60
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gtncggaaca	nggacaatgt	ngnccgcntg	cggngtgacg	aggcccaggc	ccggngaggag	180
gagaaggagc	gtgagcggag	ggtgctgntg	gctcancaag	aggcccgtn	anaattccta	240
cngaagaaa	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcggggagcc	300

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ccaggttntg gccctgtgga cctgtttcgg gagctgntgg aggaagggaa aggagtgatc 360
ataggcaata aagagtnca ggaagaaaag cgacaggatn aaaganaggc nngagaaagc 420
tctgggcatn ctgacatacc tgggccanag tgcatacngag gcacagactn aaccccccttg 480
gtaccagctt cccccagggc gagggggccc cccggccngt ccagccccag atganangat 540
caagancctc tggaccctct gcgggagatg cataagcatc tggngaagaa gagacagnac 600
ggcgggtgatn aangcagtnn cagctnaaag gaaaaggacg ggtctnagaa gcattaccca 660
aggagccttc atacnttgac cagcttngaa cttgaaccgt ntgctgaggg aaatcagctg 720
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gagggnt 787

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<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

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gtncggaaca nggacaatgt ngncgcgntg cggngtgacg agggcccaggc ccggnaggag 180
gagaaggagc gtgagcggag ggtgctgntg gctcancaag agggccgtnc anaattccta 240
cngaagaaag ccanacatca gaactcactg cctgagcttg aagcagcaga ggcgggagcc 300
ccaggttntg gccctgtgga cctgtttcgg gagctgntgg aggaagggaa aggagtgatc 360
ataggcaata aagagtnca ggaagaaaag cgacaggatn aaaganaggc nngagaaagc 420
tctgggcatn ctgacatacc tgggccanag tgcatacngag gcacagactn aaccccccttg 480
gtaccagctt cccccagggc gagggggccc cccggccngt ccagccccag atganangat 540
caagancctc tggaccctct gcgggagatg cataagcatc tggngaagaa gagacagnac 600
ggcgggtgatn aangcagtnn cagctnaaag gaaaaggacg ggtctnagaa gcattaccca 660
aggagccttc atacnttgac cagcttngaa cttgaaccgt ntgctgaggg aaatcagctg 720
tatangtctc nggcataagc ccctgctggc ccnnggttcc aaagcccngg cacttacang 780
gagggnt 787

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<210> 3644

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3644

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cttggaactg acgtctccaa cctgtcccag tatttcagcc cagcctcggt gtccagcagc 180
ccggcccgcg cgtcctgctt ggtcggcgct gtccctcctgg cctactgggt cttgtccctg 240
accctgggct tcactttcag cgtcctgcac gtgggtgttcg gccgcttctt ctggatcgtg 300
cgggtcgtcc tgttttccat gtccctgcgtg tacatcctgc acaagtacga gggcgagccg 360
gagaacgcgg tgctgccgct gtgcttcgtg gtggccgtct acttcatgac cgggcccattg 420
ggcttctact ggcgaagcag tcccagcggc cccagcaacc ccagcaacc cagcgtggag 480
gagaagctgg agcacctgga gaagcaggtc agactgctca acatccgtct caaccgggtg 540

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ctcgagagcc	tggaaccgctc	caaggacaaa	gtgaagggtca	accggccggg	cggggtccaca	600
gttaccagca	cgcttgtctt	agaaaacgaa	aacngaggaa	aaaaaccca	aaaccccaaa	660
caatcttaan	taaacaacgac	tgagcaaana	aaagttggcc	ctgtgtaagg	gctattttca	720
cccaccggg	aagtttttag	gacncatttc	cccagaagaa	ccggaaaaga	tcatttgacc	780
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<210> 3645

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3645

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ctgcancang	nggacactgg	aaactcttac	ctttgcnggt	acttnaanat	taaangcctt	180
actgangagt	atctcacccc	tntacaactc	ttctttgaan	ganaacntaa	tcatcntana	240
acacnctncc	ttaactcnna	agtcgnatgc	anatcaacat	nntnatccna	aacaccnngg	300
gcancntttc	tngtctcttt	atcancncnc	nnaatcattt	aaentcacna	tcnacattcg	360
ncnatcatnn	cagcnagaca	nantgnanac	ctacatctnt	anntanntgc	antngnnan	420
tcnncctggn	tcacctannc	cacctntcca	naagatatcn	ttngnngcnt	tntnncncc	480
ccactatact	nacatccncc	ntnctcagca	antttantnt	cnacctccc	nctnanganc	540
nnnctananc	anccttntcc	caacnantnt	aacaancntn	accannccan	gntctntnnc	600
tctntccctc	acantacana	aatntctcaa	nanctcccn	acncnanctc	anctnnntng	660
tacaatccac	tcaatctcng	ngcnnccac	cnantcttta	nctgggnaac	cttntctcac	720
atactancgc	aanacaatnn	tcgcgntnnt	tctcnanac	acatctctcc	ncanctnnnc	780
tnatacnact	atcatctcn	atnnncactt	anngacaaa	ntacactng	anacnactac	840
tcgccanttt	cantanctnn	tantatcgct	ngtccactng	catctctanc	atnnntnnac	900
aaaanencnt	ccnncctan	aactntcact	ntcatctanc	tctananact	ntctcnactn	960
accntcttta	taccacaann	ncccnanctn	ntgenctcct	catantntnt	ntatncttcc	1020
mntactactn	natntananc	tactactcca	cctcnacat	ngcttntcat	atncatatec	1080
tcatecttct	cnctnncn					1098

<210> 3646

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3646

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ggctgtaatt	ctgagaagat	ccgcaagctg	gtggctgtga	agcggcagca	ggagccactg	180
ggtgaagact	gcccttcaga	gctgcggggag	atcattgatg	agtgcggggc	ccatgatccc	240
tctgtgcggc	cctctgtgga	tgaaatctta	aagaaaactct	ccaccttttc	taagtagtgt	300
atcaaaaatct	aaaccaagga	gtctctggac	aagaagctgg	gagaggcaca	aactggacat	360
ctctctctct	catatccttc	ggcattgggt	tatctatggg	agcaaggagt	gggcacgctt	420
ctctgtttaca	aatagaaaac	gattccagtc	atacaggaca	catccactcc	aaangatatt	480

tccaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	540
tatccacacc	tcttggccat	gaaatttgca	gctcctccct	tccataaatg	aaagtctctt	600
tccccacca	tnntgaaatc	tnggctggca	ctgcgacttn	gantcgnttc	aatacnaatn	660
gtnggangaa	ngtgactgtt	tnncntttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgccnngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgaccatggc	tgggaaaantg	780
acc						783

<210> 3647

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3647

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ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
ctgaggatgg	gcatatttta	aagacttgag	cttacatcat	cgcatcttga	aagaaccgag	240
tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aaatgaaata	attttcaaata	tcantagaaa	aaccatgccg	tacgtgaatg	ctaataaaaag	480
cctgccgtgc	gtcctnnctc	ccctgtgctn	gcactgcctc	agatccgcct	gcattttatnt	540
ttanctgtcc	tttgctcttn	tgtgcccatt	tgcatctctc	ngctgtgacn	aagtnggttt	600
ggccctttta	tgcnnaaatn	ggttaatcnt	tcatttnatn	anncattttg	cccancnacc	660
taaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaanc	ngnnnnntnc	720
tggcggttcc	tngctnttng	ccctcngttc	ccttgcaagc	cnttntccca	nccancntn	780
cccccaangc	cnncttngaa	cncttnncnn	gcctntanca	anc		823

<210> 3648

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3648

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actacatgta	tttggaataa	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
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cttcttattt	catcttagtt	atcaaccagg	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttgga	atcctgactc	tgccacttac	360
tagctgggta	ttcttggaat	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttcctcat	atgattgntc	ttttttttta	gatttaatga	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggg	tagagaatct	cccttggttaa	600
atgactattt	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggtctc	taacagtang	ttaacccaat	tttaaaangt	720

gaaattcaan gtgttcctta ttaaaacccc tattcctgaa tgtanataat ccattattnn 780
nct 783

<210> 3649
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

<400> 3649
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aaaaccagca gaaaaaggct tcttggtggg ctgatgggtg ttgtgcgaga agctgangtg 180
ggcagggagg agagcctang agagcggtag ggctcatggg caggccgttg gtgtacgcct 240
tgccctgcc tgccccagt cccaccactg tggactccag gccatcctca gtccagggtg 300
tactgtggc ctgggccaca tgctggcgat gacggggatg gccttcaca tgccgtttct 360
ctggaagagg ggctcgcggt gtgcccact ggggacgtcc tgccccaac cccccaaac 420
gctgctttct tctgccctna agaggccct cagaagagag gaggtngnn tgaggggcnt 480
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gnccganggg gtgccangca cttgttccca agggccncac ttcgtgttggt tntttggtc 660
cgnttaattc ctnccttgaca aacctattta caccggtttc ntcttcnnc tntcnagcna 720
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<210> 3650
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3650
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tgccaagatt tagaagttat ttcataggag ctgggacaaa ggtcaaacct ctctttgggc 180
aagaccgtat tctttattgc atagctttga aaagagattt tgtattaccc aaacatttat 240
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cctttggtat attagtctag caatccagat tttgcctctt gttaagcgta tcagggtcct 360
ggcaggaagt agacgacaca ctgaaggata actgtcaaaa gtttaatgaa gagactattt 420
acaaaggtgt gggcaaagtt aagggaaca acaagtaaga gatggtgtag catcttagac 480
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ttagcagaac acagcaagat tgattagtaa agcacagagc tcctgacgag gagatgtgac 600
cttcaggaga ggaatactac cccaagcta tggcccagca gggaaagagc ataggtaata 660
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<210> 3651
<211> 776

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3651
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 ttaacatttt tttaatgaga ggaaaccatt gtctgtagtt cagaaataag atggagtgtt 240
 ttacttattt aaggggtaat ttaaaaagta aacaaaagca ttggcctaca agagaaaggt 300
 gatgttggat tataagtgtt ttttctaate gttaatatata atcaacaggt gagtatattt 360
 tccgtttcca agcagttatt aatttacatt ttctcaaatt ataagtagct tcctgcttct 420
 ccaaaagtga ggcttaagag gatggctatt tcatcataaa ttagaaaaac gactacaaat 480
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 acatggcctt taccacagga gtatctgtag ttgagccact ggctctataa cattgttagt 600
 tctttgtatt ttcccaatgg aggtttttacc tcatggccat aaaaataaaa gaggggttgaa 660
 tgtgaaaata actgcatttt gaacatctca nacccttcac tcataaaaaat tacttaatgt 720
 tcctcttct tgaattacat atttttccat tgtaataaaa ttctgtgttt gaaann 776

<210> 3652
 <211> 846
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 3652
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 cgagatgaca ggattaanag attaaaacag gcatangaaa tcacaagggt attgattggg 480
 gaagtgataa gtgtccatga aatcttcaca atttatgntt agagattgca ntaagacag 540
 gcntaagaaa ttataaaaagt attaaatttg gggaactaat aaaatgtccn tgaaatctta 600
 aaaaanacta ntcacactcc nccncaact nannccccac nctccnntnc cntcnncn 660
 accctnnnac tcnctcctct ccnctnnnac ccttcccccc nnntcntccc tncctctent 720
 cncctncnct ctcctncnct catnccccct actccttctn nncctttcat ntentcanen 780
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<210> 3653
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

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 gtcctagcta ctgaggaggc tgagggtggga ggatcacttg agctcaagaa ttcaaggctg 180
 cagtgaagcta tgatggcact actgcacttt agcctgggtg acagagttag accctatctc 240
 acaataaagt aaaataagaa ttaacacact cataataact atttagttaa taggaaactc 300
 tgtttaagcg atattgctta tatttctctc tcatgctttt gtaggtcttg actcactctc 360
 tcaattatcc acagagtata ttgttagtgt tttgtttaag ctacctttta cactcaatta 420
 aaactattta ctggaagtag gctaaggtna tgggggtgaga atagagatgg tattatatca 480
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 tgaagaagct ttgacnaatt ctacatgact tttccccct actttaacaa gacctgctat 600
 actaaaacta taccncagtt tttccaagag aatantgctt cttaaattata ttanctctgg 660
 ntcccatata mnctnnancca ttntccctt tctcttattc naaagttagn ttntnattan 720
 gactcttntg ancatatnnn nttannntnc gnnnccccgn atantcnggt tccctntggg 780
 ct 782

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3654
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 cgcattccaaa cctgggaaac caggaagaga agatccttgg tgagaagcag tcaatgagtt 240
 tgctttggga tatgttgagt tcccaaactc atcatgaggt gaggttcca ggtagcaaat 300
 gaatcacttg agaccaggag ttgaggagca gcctggacaa catagcaaga ccccatctct 360
 acaaaaaaaaa aagattttta attagccagg tgtggtggtg tgtgcctgta gcccaagcta 420
 cttaggagggc tgaggcagga agatcacttg aaccagaaa tttgaggctg caggtgagct 480
 atgatcacac catagcactc cagcctggat aacagggtaa aaccctgtct cttaaaacan 540
 acaaacaaac aaaaaaccac caaaatcctt atgtatctgg tactatagtt gtctttctca 600
 ttttacattt gacactgaga gacagagagg ttgangagtt tgggcangac acacagctna 660
 tacatggtag agtcaagcct tgagttcang tctnctggcc ccttatttcc accccgaact 720
 ttcaccatta tcatattgtc nggnangctt ggagactctt gaatcccttt aactcacccc 780
 t 781

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 3655

gaactaatnc	ctcncnnngt	ctaantngcc	naacnngntn	gngttngggg	nattgngtaa	60
tanantggca	gntaccaaag	atggntgtct	nnagttincta	aatgacatgt	tgatcgnggt	120
catgatctct	gcaaatactc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
antcctctta	aacttccaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300
ncttngtctg	tnacntcnan	natntcacnt	atctaanaan	ananntcnna	atgatnaatc	360
tcaacnaccn	ccaanannaa	gttnnecgnac	cgtgnnagtn	gtncancnta	anttganecgn	420
cacttgccct	tnctntcccc	aggcanacga	atattntctc	ctttttaagc	ccntccangg	480
cncaacggct	cctncnntcc	ncanategca	aagnttaann	annntctcct	ncctctctca	540
attantcact	accttcaaac	tcnctcancn	cattnccgnc	cctcctctct	ngcntcacct	600
cgtcaccenn	tcttccctnca	agtnccctc	nntaancenn	acnntttccc	nnnaaccctc	660
ccnecgnttc	tnnactcact	gnntctcatt	ntctccctct	ccccctncaa	annnatnctc	720
cctcnntant	tcccanctct	nactccagcc	gctancacac	ntctcgctca	catctaatec	780
nacgncattc	actnctctcc	ganatnancn	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccancnn	taantntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatacnac	ttntanccat	ttntntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacnct	ctntctctct	ctngctanca	cancact	1017

<210> 3656

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (908)

<223> n = A,T,C or G

<400> 3656

ntaangnntg	tactcgngnt	anctngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgcgtgagcc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
ccctgctgta	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgtaggatg	gctgccataa	ctccagggna	tacaccaate	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaaggttntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgcccata	cttanagcaa	tactgacaaa	360
aggggaatag	cacaaaaaca	cctctggctt	atcntagatc	aacctcgatt	nattntnctg	420
ggtttngggg	tggggccttc	ttnacctgng	aagcaaagaa	cctcttgcca	gcttgtccac	480
ggctactcan	gttcnntnta	cccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gcncngcana	tacatttcgt	atagtaacnt	ntttccaaga	ncttentaan	ttcaccntn	600
gaactatccn	gcancanatn	annnctnttn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntccccnccc	720
gtcntcactc	ntntccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctncn	780
cttnccnnnt	nntccctcat	nanctcactc	ntcactntnc	tctccnnccc	nncantaccn	840
tctctnnncn	gtcctcctct	ctnnntccct	ctctctcanc	atatcttctc	tnncatctg	900
tnnccncc						908

<210> 3657

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 3657

aatcnengta	cnngncgnan	tngcctaaan	anaagggttg	ggggccctct	gcttctctggc	60
tgaccttggt	gtggccctct	gatggcacta	tgtgtcctct	tctctgagct	ttctgaggat	120
gacaagccgt	cttttcaatg	ggactccctt	ccagacctgt	tggtctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tggtgnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagtcctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300
acacaagagt	tcatggggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctcntta	ttggcacant	aacttttcaa	angetggcat	gaatnaaaaag	nncccaagtc	420
ncaagacnag	gtgnnctgga	nccactgtct	agnacttttc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnngat	atacanccca	nggaatcatg	540
cnctgttag	tccangggga	cnagccctnt	nccatgcnc	cnctantgct	caaaccnntc	600
atnggcant	tgctncattt	cgtacnnng	tnggcccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cncccnggcc	ttattgmnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannnctnn	ctcgcccttg	nntgcaattc	tcccctngcn	ggacntctaa	tgcnttcaaa	780
actcnancgc	nnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3658

caatgcncna	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atthttttca	agtgtatcat	ttgcctgtta	acttaaaatt	120
ctatthttccc	cctaattcta	tgtcccagtt	ttgggttagtg	tgctctggga	tttttgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtttttttggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgtcacttgt	aactgactgg	gatacgttct	gagaaataca	360
ttctcaggta	atthtttgtca	ttgtgccaat	atcatagagt	gtacttataa	aaaccaggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaat	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtagagta	aaaataagtt	taaaaaaaag	gtacaccaaa	ataatcttat	gggaccactg	600
tgtagtggt	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctthttttt	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnthnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnncc	aannagnnng	gntngggcg	60
attcggcacg	agataaaggc	ctagtttttg	tatcccaata	gattttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaaggggagaa	attgtatgct	gcagatagag	180

ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaaag	ctttaagtca	cagctgaatt	acactgggga	aacaattaca	300
gactttacaa	tggaaagaag	catcttcaat	gttggtgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaaat	tggctattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcattttatc	ttcttaactt	aatcaacctt	540
aatttagcct	gaatattatt	tgttagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	acccctctgc	atccatgaaa	agaagtcctc	atccaattct	gtgaatatga	720
gactaaaata	caattccaat	tatgaggnat	ttntttttta	gtcctaattgc	aggaagaa	778

<210> 3660

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 3660

ctaacttatn	tntctaganc	tcganntngc	ctaaananc	aggncngggc	gaattcggca	60
cgagcactac	atgaagtccg	gggtttgggt	aaaatatctg	tcttatttat	gaaaggctga	120
aaagagaaaa	gagctattca	ctacccgaga	ctataagttt	tagctgataa	aaacacagcc	180
tcacatagat	ctattgaatg	aagccacttg	ctgagtcagt	aactgaatgt	ctatgtatga	240
tattttccagt	atcatgatta	aaatggagcc	ccgaaatgtc	attataaggc	ctagttgtgg	300
actggggggc	cagatggcca	agtgggagca	actctgaaac	cattaaatag	gaggagagag	360
agaaattaaa	aaccttttct	attcaaaaaga	aacctataac	ccaaattcta	aaatttatag	420
agacatataa	tattaatata	acaaaatcag	ccacccaaaac	attcatttct	ctggatgaaa	480
ttaattttat	ggagcagttc	aacaaagact	ttatttttaa	aaataaatta	tgtattttatt	540
tttgactagt	aatagatgca	tgtagtacaa	aattcaaagg	tacaaaaagg	gtaaacagtg	600
aaaagtaagt	ctatctccac	ctctttcacc	tagccacca	gtttccctnc	ccaaaggcaa	660
ccactgttac	ccatttcttg	ctatcccttc	ctaaggataa	attgggttgca	ttattccaaa	720
cattatntan	tatatacacc	acaccacacn	actcaccaca	tatggtacca	ttttttttatt	780
attcaaatgg	nn					792

<210> 3661

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3661

ctaantctgn	acnaatnggn	tnngctactc	gtncctttccg	naanancnag	gcgggtgcgaa	60
ttcggcacga	ggtgggctct	cccttaaaga	cacatggcca	cagacacctc	cttcgcatat	120
gtaatatgcc	ttcccctgcg	gccttccgtg	gtcacagcaa	cagggactgc	tcacccccctc	180
cagctggggc	ttttctaaca	agcacagtca	gaaatgcgca	ggcctgggggt	tggggatgaa	240
cagaagttga	ttagtgggca	cagaaataca	gttagataga	aggaatagtt	ccagcattcg	300
atattacagt	aggagactg	catttaacaa	taattgattg	tatatttgaa	aacagctaga	360
agaataagaa	tattcccaac	acaaagaaaa	gataagcgag	gtgaaggaaa	tcccagttac	420
cctcattcag	tccattacac	attcgatata	ggtatcaaaa	tatcataggc	acctcaaaga	480

catgtacaac	tcttaattta	acatTTTTtga	aagaaaaaaa	aaccggccag	agcattaaaa	540
caaataaaat	aagaaacaca	gaggccagtg	ttaggtgaag	aactccgctg	cttcagaaag	600
agaatagcag	cgctcgctta	ccgtgggaac	acggccagtt	aacaaaatgg	gttttggttt	660
tttgntttgt	tttgttttac	cattggtaat	aagatagtta	acataagtgg	tcagaacttc	720
gcttgaattt	gtataaagca	tttgTTaagc	gtgtaaaagt	ccaaattaaa	agtcttgaa	779

<210> 3662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3662

aatnctnaac	ttattatctg	acgtcnannt	ngcctaaana	gaatnggtn	ggggaattcg	60
gcagctccct	caaagaaagg	agaactagga	aaatgttttc	gccatctccc	aaagatgata	120
ggaaagttct	gagcagggtt	ctgggtatag	ccccttgtga	gaaattcaag	gcccattcaa	180
tgccatagat	gagttatata	ttccaaattt	acactactta	tgtagggtga	gtaacctcca	240
aatcaataaa	ttaatatata	attggcccag	gactggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaag	tctctactga	aagtgaagtc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctggtactgt	ccccacccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtg	agatactnnn	nttgatcggt	agacgccnat	agtcaaacct	660
cttggangna	aaactanaca	ttcttcnatn	ctttnaantt	cccccccccn	tcnggcccct	720
gtcttcccan	attcacctaa	cttccccttg	gttgccccc	acttaattcn	acngcccctt	780
nttttttcac	tccaaacnng	gncct				805

<210> 3663

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3663

tnnctaacca	atnantcnag	gcanctcgnn	ctntccnaaa	taaanaggnt	ntggcgaatt	60
cggcacgaga	aatgctgaat	attggtaaca	agcaacaggg	gaaacaaggc	agtctgagca	120
cacagaactc	aagtccctct	aatgggatcc	cagaatgccc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaagg	cagagatgct	ggacagggca	240
gcacaggagg	acgagtgtgc	atggtcactc	tgagcagggc	tggttccctg	gctggttgga	300
gcacagcatg	gggaactgaa	aggcagacac	tggccaagaa	agtccttggt	cagggttcca	360
gaagtgagcc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatttggt	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtttctg	ttaacagttt	tctaactttc	aggaaaaaca	agccaatttc	540
taaggaaagt	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaggg	tttggagcgc	aacaacccct	tgcgttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
ctgactctgt	aggagagaga	ataaagccat	gtccaacttg	cctacagtcc	tcn	773

<210> 3664
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3664

taatgctnng	ctctcgttct	ttntgcagga	tccctcgatt	cgaattcggc	acgagtatag	60
atccagattc	tattcaaagt	gccttattag	catcaggtct	tggatcaaaa	cgacctagtt	120
nttcatctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaagacc	tgctngataa	gctcnagnaa	ttngcnga	acctgccncc	tnataccntn	300
natganctta	nngannaacn	nggnggnnct	nctaacgtgg	ntgagatgac	tggccgctgg	360
gacggtgttg	nnanctgcga	tgatggacgc	atgtancctn	atncangntn	tgnactnnan	420
gngcctgtgg	aanntcnoga	ngttaacncgt	gctcagggat	attatngatg	gcnnttacnn	480
tantgctgg	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnntga	natcanenca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnc	gncggagcta	acggaanatc	ngngtancnt	tgctgctang	720
ccacttnana	ggattgtggg	cactttcaca	tggngnntna	acgcttggca	aacttcn	777

<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3665

gtacttattt	ntaatgntgg	tcganttggc	ctaaananaa	taggttnggg	ggaattcggc	60
acgaggggtg	ccagcatata	actgcttttg	agcaaattctc	ttctgttttag	agagatagaa	120
gttatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctctttgaa	atattttact	ttaataccag	240
tgctttttct	tggtgaactt	cttggaagaa	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacctttt	tcaaaaagatt	tgtgtatgca	ttgcctaatt	360
agagtagggg	gagaagggca	actattatta	tccctatttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agttagtgg	gcagccaggg	agaggactca	480
gatttctctg	aggcaaagtc	tatctctgaa	actccatgaa	gacttttgca	gccagtcccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccccttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggacttt	tntatggcnt	gagaattcgg	gnaaggaagt	gttgaccccc	aagccangga	720
gaaggaaaga	antgganttt	ncntttgtcc	tttaagggtt	ttntaangnn	cattgggtttt	780
taaatcncgn	natcnngcc	caaaanttnn	nttct			815

<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3666
 ttcaaateccn agctcttggt cttttgcgga tccctcgatt cggaaggcta caagtgacaa 60
 ggaaaaattct gttccgaata tggccacaga aacaaaggat gaacaaatat ctgggacagt 120
 gtctttctcag aaacaaccag ccttgaaggc tacaagtgac aagaaagatt ctgtttcgaa 180
 tatacccaca gaaataaagg atggacaaca atctggaaca gtgtcttctc agaaacaact 240
 ggcttggaag gctacaagtg tcaagaaaga ttctgtttcg aatatagcca cagagataaa 300
 ggatggacaa atacgtggga cagtgtcttc tcagagacaa ccagccttga aggctacagg 360
 tgatgagaaa gattctgttt cgaatatagc cagagaaata aaggatggag aaaaatctgg 420
 gacagtgtct cctcagaaac aatcggccca gaagggtata tttaaaaaga aagtttctct 480
 tttgaatatt gccacaagaa taacgggctg ttggaaatct ggaacagagt atcctgagaa 540
 tctgcccacc ttgaaggcta caattgaaaa taaaaattct gttctgaata cagccaccaa 600
 aatgaaagat gtacaaacat tcacaccagc agaacaagac ttagaaatgg catcagangg 660
 agagcaaaaag angcttgaag aatatgaaaa taccagccac aggtgaaaaa ccaaattcat 720
 tctaggggatg accttgatga cataattcag tcatctcaac agtcttcaga ngat 774

<210> 3667
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (733)
 <223> n = A,T,C or G

<400> 3667
 ttntaatnc nagctcttgt tctttttgcg gatccctcga ttcgaattcg gcacgaggnt 60
 gnanaaaagna tcnctggcn anntctatca tgnatcagct aaggatttgc caacngaata 120
 ntnctcnatc cttcantcat gacacntcac atgtcaagng nagaaggtag ancgtgnaaa 180
 tgctatancc ggcnaatnt aggagttctt ctctggctcg gttgctaaag cagtgatctg 240
 ngtnancccc agggccatca ctgtgcatgt ncccatgccc tnaacngnat tcgagcacat 300
 actgattnac tanaaggagg ngnangncca gcagnaacan cnnacgatga cattggccnn 360
 ganctaccnc ntgnncgatg ggaaaatggt gaanntncnn cgcctccnga atgcgcnagt 420
 tnntgttaact cantaccaan tgctcagcag cactctcttc tctngctcgt ggagcttcag 480
 cccatnangt gaatanaaca tcngetnaga ntncactnng cttttggatt gnattgtnc 540
 atccttggtg atcacaatnn ctcagactgg aataggctgc ccccaaaaac tgtctgtggc 600
 accctgaaaa agctggggt aaacagncaa ggccgntcat ccccttgnct gaccncgnat 660
 tgtctgctgc tgggttcgga cgaggactac tnnngntgaan tntccttgt tggcatgatg 720
 acnctngtta aga 733

<210> 3668
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3668

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gggcccgaatc	tcaatgcaca	tatcantgcg	canagcncta	aaatttcagg	caacactttg	180
nttgagagan	gccaaaattt	tggncaggcc	ctgggacatc	taaagtcacc	aatgtaacta	240
caccatacag	attaaacctt	cacatgatca	tgtaagctat	gcagttaccc	aagctgcac	300
atttanaaaa	cctgtcagnt	nttatggaaa	ccatccctag	tcaaggacac	tttaaataatn	360
tagtctaaat	accgttaang	taggcccact	agctgtgttc	acattatccc	ttggccacct	420
taccagggac	tnnaataact	tgggaaagt	aaaacaacaa	gctnaccac	atgttcacca	480
tnnaaancan	ttangtcttg	aaaaacatgg	actctttttt	ccgtgtggga	ccagttccta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tgggnnatnt	agcccccgaa	600
attaatatag	ctcccaacaa	ccaatccttc	attatacttt	naactgnnaa	ccaccanaca	660
caaatancc	atccaactga	taccactttc	ngtngaagct	anggaatacn	cctngaagtc	720
tgantgagag	tttcagncct	tgcngctnnc	ctatcctatt	accannnggtt	gnct	774

<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3669

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tgttaccatt	atgggaaact	ggaggaagg	catatgggac	ttctttgtac	tgctttttct	180
attccctgtg	agttttataat	tattttataa	taaaagttca	aaaacactta	ttggatggac	240
atcacagaac	ataatagaag	aaagaatcag	tgaattatag	gtctgtttta	tagaaatgac	300
tcaaactgac	acacaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tgggaataata	ttatataaaa	ttatctaaca	gtcacatgat	ttgacctca	gaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattgtt	gaaaatgttt	caaattgat	480
gataatgtca	gtcacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
ggactacatc	taggtcatc	atagtcaaac	tgcttaaaat	caaaactaaa	gagaaaaatc	600
ctaaaagcaa	ttagagaaat	cctatatagt	ccatgttggg	aaacagttac	atcaatgtgt	660
gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaacaatat	ttttaaagtg	720
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<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3670

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cgactgccc	ccttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
atcatggacg	tgcggtccc	ggtggattct	aagaccctga	cccgtaacac	gaggatcatt	240
gcagaggccc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
ccggtgttca	cagagcagat	gatccagcag	gagcagctgg	actcgggtgat	ggactggctc	360

accaaccagc	cgcgggccgc	gcagctggtg	gacaaggaca	gcaccttcct	cagcacgctg	420
gagcaccacc	tgagccgcta	cctgaaggac	gtgaagcagc	accacgtcaa	ggctgacaag	480
cgggacccag	agtttgtctt	ctatgaccag	ctgaagcaag	tgatgaatgc	gtacagagtc	540
aagccggccg	tctttgacct	gtccttggtg	gttggcattg	ctgcctacct	cggcatggcc	600
tacgtggctt	gtccagcact	ttcaacctcc	tctacaagac	cgtccagagg	ctgctcgtga	660
aaggccaaag	acacaagtga	ccacaagcca	acccccaaaca	agcccgggnag	ccccccggcc	720
ggtttcaaca	agtccccctg	ggggccccgan	gcaccgaatt	gaaattggga	caacttggcc	780
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<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3671

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ccattttttc	tagtggggaa	caaggcagat	ctctctccag	agagagaggt	acaggcagtt	180
gaaggaaaga	agctggcaga	gtcctggggg	gcgacattta	tggagtcac	tgctcgagag	240
aatcagctga	ctcaaggcat	cttcaccaa	gtcatccagg	agattgccc	tgtggagaat	300
tcctatgggc	aagagcgtcg	ctgccatctc	atgtgagccc	ttgggtgtgg	ggtaactgcc	360
ttgcttctgc	ccccggcact	tgccatgttc	cagtgggggg	cagatcctca	ggacttcacg	420
ggtatgggtg	ccagctgtgt	tcctggcccc	tggacacaca	gtgtggcatc	ctcatgtttg	480
cacactttcc	ccaggctcca	gtggcctgga	tgtcaatgtt	tacaaagggg	caaggacctc	540
tcattggacac	tggcctctac	cctctgtttt	tgtttgatga	attctgttat	aacctatggg	600
gtcaggatat	gagtcctggg	cattatttat	ccaggaccca	tcctcttggg	tgggttttgg	660
gtgttggctg	ggtaaagggg	agccggggac	ttctgaaata	anctggcttc	ctggggtgac	720
aatgnatata	tgcaaataaa	ttgagaaatc	ttttaaaaaa	aaaaaaaaaa	aaaaa	775

<210> 3672

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3672

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tggatgatat	atggtgaagt	ttttgttgaa	actaaattat	gaagtctgat	atatttggat	180
aaaaataaag	aattgctttt	cttctccttt	tgctgatttt	ttgacacatc	attctaagca	240
aatcatctc	agcttcgtat	atttcagcct	gaagtacttc	ttaccaaaag	tgtttcatgt	300
aacatttggt	caatatgttc	gtgacatgtc	tctcagtaat	gaaaagttat	gcattttatt	360
gaatgaataa	aaacctaac	tctgctat	ccatttctgg	aagttgtaag	agctcacatt	420
aaagacagta	aaagtcaatt	taagccaaga	tcattttcag	cccaccaatg	tcattggctat	480
tggaaaggaa	aacctaattg	gatcattgaa	ctatcataac	aagtggaaac	tagaactttt	540
ttatagcatt	ttcatgat	aggtcctgtt	atagtaagat	atttcattct	atttatcaaa	600
atggtgtaaa	taaaagaaac	acaattat	tggtaatgct	tatcttcagt	ttaaacattt	660

attctttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga	720
tattttaccc attaattatt tctggaaaga tcttatgctg gtttaaatt	769

<210> 3673

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3673

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gcagtgaagt atgattgcac cactgcaatc cagcctggac aacacagtga gaccctgcct	180
cacaaaaatt atattctgat tttctgagtc catgaacaca ttgtccaaat ggatttttct	240
agctcctcca agttacagat agttccacgc acacacagaa ctcaccactc tcaaataattt	300
tccccactag tattactatt aaattttttca aacatgcaaa agatgaaaga attgctcagt	360
gaacaccatg taccaccac ctagattcta caattaacat tttaccctac tttctttatc	420
acatatatgt acctatccat ctatccattc ttccatgaat ccatcaattc atctaatttt	480
ttatatattt caagttaaagt tgcagatatg tagcttatgt ttcaccttaa atgtttctgc	540
ctgggtatta ttaactggag tgcaatatgt ttttggttct tctttatggt aaaatctatg	600
ttcagtgaaa tgcacaagac ttaggtatgc cattaatagg ttttgacga atagacaaac	660
cttgngtctg aaactggaan taaaaaaaaat caaacactaa aaaaaaaaaa aaaaaaaact	720
tcgagcctnt anaactattn gngagtcgta ttaccgtaga tcccagacat gataaggatc	780
cattg	785

<210> 3674

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3674

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attcccatac aatgcaacat ccggaatgag gaggagggtga ataatttggg caaatctacc	120
ttagatactt ttggtaagat caatttcttg gtgaacaatg gaggaggcca gtttctttcc	180
cctgctgaac acatcagttc taagggatgg cacgctgtgc ttgagaccaa cctgacgggt	240
accttctaca tgtgcaaagc agnttacagc tcctggatga aagagcatgg aggatctatc	300
gtaatatcat tgtccctact aaagctggat ttccattagc tgtgcattct ggagctgcaa	360
gagcaggtgt ttacaacctc accaaatctt tagctttgga atgggcctgc agtggataac	420
ggatcaattg tgntgcccct ggagtnattt attcccagac tgctgtggat naactatggg	480
tcctggggac aaacttcttn naagggnctt ttcacaaaat cnccgattaa cgaattgggtg	540
ttcctgagga ggtntcctct gaggtctgnt tcctactgtc tactgcnctt tcttnattct	600
ggacagtcag ngcntgtnga tgggggcccng anctctatac ccactcgtat gaggttccaa	660
atcttgacnc tgcnccaang ttccagggga cntnttgnc ggtgaaaana natgnaagng	720
gacttttnaa ggngaanagc taancttcna acctctggna ant	763

<210> 3675

<211> 772

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3675
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 ccgtgtactt ctcttgggag gaatgggatc tccttgatga ggctcagaaa cacctgtact 180
 tcgatgtgat gctggagAAC tttgcaacta cgtcctccct gggttgttgg tgtggagtgg 240
 aacatgagga aacaccttct gaacagagaa tttctggaga aagagtgccA cagttcagga 300
 cttccaaaga aggttcatct tcccagaatg ccgactcctg tgaaatatgt tgcctggtct 360
 tgagagatat tttgcaactg gctgaacacc aaggaacaaa ctgcggggcag atgtcaaaat 420
 acctgtacaa ttttaaaatg tcacaattaa acatgagctg gtttcccaca caaaanaaag 480
 actgaagatn tgcatttttaa ggatgacaac ataatggana aaattngaaa tagcatannn 540
 aaaanctnng ccennttaaca natgnggntt gnnttgcccg aaatcccgnn nngggtanac 600
 cccttgata ntttgggcaa cncccnantt gtntgcentn nanaaaaaag ccntttnttt 660
 tggaanaatt tgggaancnt ttgggtttta ttttggaccc cttttaanc nccannaaaa 720
 nanntttaa ccccnattg gnttnntttt ngnttnnagg gttanggggg ng 772

<210> 3676
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 3676
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 ttctgtaga caaagtaaca ccaagtactc ttccagaaga tttctagann ttgaaaaatt 120
 ccttcagcan acaggntggc gacaaggngc cngggatgan nangagcacc actaactccc 180
 tnaggtgcta nacacacata atgggaagcc aacatttatg gaagaagttc tagaacacct 240
 tcctggaaaa acacangatg aagtcaacag catgaaaant ggtatcaaaa gttctggctc 300
 tagaagaaag aaanncagag tcaattnana tntggnaaac tnnaaagcag cncaannggg 360
 aggaaatttc caagtcaaag gaannggctg acaacacacc tgtgcttatn tcatancnna 420
 cangaggatt ancaanngca ancagaggaa cantgatgag actcaganat nggcattgtg 480
 aagctaggaa gaaacagaan agnntagaan tgtcaatgaa atgngcttcc ccattnaaan 540
 acgaaganga gaaagngana naacatgaca aagancgcca gngccagttt angttnaaan 600
 tactactnga aagttntacc cagcnacatg aaagaacagg aagaattttt gaggcttgaa 660
 aaggagataa agggaaaagg cagaaaaggc ataaaaaagg aaaaagctgc tgatgaaact 720
 tccagatttc aggaaagagt tgaaaacaat gttagtcgag atccctctag gcttn 775

<210> 3677
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)

<223> n = A,T,C or G

<400> 3677

cagctnctng	ttctnnttga	gaccnctcna	tacgactncn	gcncgagggg	attngaattgc	60
ccatgaaaga	cattttatatt	tacttgaata	tattcttgct	tcactttacc	ctccataata	120
tggtgtcatt	agtgtgatc	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagt	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgtata	tgggcaaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaatctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acggtggctc	atgcctgtaa	tcccagcact	480
ttgggaggct	gaggcggggc	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atggtgaaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcgtggt	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgangc	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
ttcatctcaa	aaaaaaaaan	nttnnccnnn	ntnnnnaaa			759

<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3678

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gaaggggag	agcccaggac	agggctccat	gtccacagga	cggcgaggag	cgaagaccat	120
ggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttccctca	actactgcct	cagctctaca	atcccagagt	aaagctcttc	tccaaatgaa	300
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agtgactttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaagggtgat	gtagaaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggagggatga	acagaggcct	gtgccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttaa	gaacaagatt	caagatgaaa	caacacaagt	660
gttgaatat	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttncag	720
aagtgaaaac	aaacaaacaa	acaactnaag	tcttaattga	at		762

<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3679

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cagagaaaag	taggcagaga	aaggcagttt	aggaggtgac	acaagagggg	agcctaagga	120
gagagaactg	gatggagctt	cccaggtgat	gacaggggtg	aactccaggg	ctatacccag	180

ctgagcaagg	agagctttgc	ctcttcagga	gactggaagt	tggggaagac	tccaacaggc	240
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atttcattaa	tttgttcaat	tctttaacgt	atgtttatta	tggacctact	atgttgccag	360
acgctgtgct	agctgttagg	gacacaatga	tgaacaaaat	aggcatagtt	ttttacccca	420
tgagagttag	aggggtgggg	ggagagtcac	taatcaaatg	gcacaaacac	atgtaaaatt	480
accataaagc	gggtgataca	gaaaggcgac	tggtgttagg	atagctaaaa	aagagggatt	540
tcacctgggc	aggtgggtca	gggaaagctt	cttagagaaa	gagggacttt	gggcttgatg	600
aatgaaaggt	gaatttccag	gcaaagaaga	aaagggagga	ngcttctagg	cagaaggaac	660
ttcctgtgcc	atgatctctg	agaaatgaaa	gattaacaaa	ggccaattgt	aagtngaacc	720
agaattgaac	ccaggaangc	cccaaanttg	agaanaaaaa	ggcccagggc	aagggccatt	780
ncntggnt						788

<210> 3680

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3680

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cattcaaaaa	tcttgncaac	cctgtgagac	agatatgtct	accttactga	tgagtacggg	180
ggcttggtca	agtaggtatg	ttgnacatnt	tacacagctn	gtnactgnaa	gantcnntnt	240
catatactcc	cagattcaga	acttttaaata	accccatgct	accttctagg	gaaagcttct	300
gctatgtgtt	tggagggtna	ggtgaganaa	aggngaattn	taatctncca	acatgctcac	360
tcctttttcc	tgctctgtgg	gggatgtaag	tgaataaccc	cagtgtgtgt	gtgcactcgt	420
taatcttgta	gcantgacan	gtggaatgtg	ggctctgcag	tggccttggt	atgggtggga	480
taactatgtg	ccttcacctg	tcctacacac	ggcatacctc	ccagcttgcg	tttgccttcg	540
acatgtnttg	gcaagngtga	attgcctctg	ctnctctgga	gagatggggc	ctgtggctgc	600
tntgggaaga	acatcaaatt	ttgcgtncat	ttacatatgg	catnctgtgn	ntntgggaatc	660
tatgcatntn	gtgttcctctg	gcttcaaagt	tngtaacnna	tgtggttnaga	gcaaaaaccc	720
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<210> 3681

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3681

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tcatttgtgt	tttccatttt	tctgatgact	gagaatgttg	agcatctttc	cctgcgtggt	180
gtccatttgt	gtatcttctt	tagagaaata	tctgcttaag	tcctttgccc	agttttaatt	240
ggattgtctt	tctgttgctg	agttgtcgga	attggttgta	catcctccat	actgagtcct	300
catcagatac	ctgatttgcg	aatattttct	tcataccat	gagttatctt	ttcactttct	360
taatgggtatc	ctttaaagcc	ccaaagtttt	taattttgat	aaagtccaat	ttatctaaaa	420
aaaaaaaaant	aaaacnnana	naaatnnaaa	anaaaaaaan	ctngnncctt	taaancntna	480

gngngtcggt	tncgtaaatc	cnnncntgat	aanatccatg	gntnanttng	nacaaaaccac	540
aattnganng	cagggaaaaa	anngctttnt	tngngaaatt	ngnnanctnt	tnncttaatt	600
tganccattt	ataagctgcn	antaancang	ttaccancnc	caattgcttt	cattttaangt	660
tnaaggttca	aggggnaggt	tnnggangtt	ttnaantncg	gggccgaggg	cncnaaatgc	720
attgggcccc	gncccaantt	tngnccntt	nannngnggn	taaattgccg		770

<210> 3682

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3682

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ctataaaagt	cttccattac	agaacaccta	cacatcagga	gctcaaaaac	agatatattc	180
tttaaagtgc	tagccaacat	tttggaagg	tgtgggaaat	ccctcagggc	caaaaccaga	240
gggagttgga	caccagagt	ataagcagac	actgaaggca	aggccaacct	cagggcttgg	300
ctcaatattc	tagaacttta	cccttggtct	caagtctcgc	tgtggacagg	ggatgagggg	360
tacctgggtt	ctgctccttt	gactatggca	tagactctgt	agatgtctgt	aattgaccgg	420
gaggtatgta	gatgactgta	tcaagttatc	ctcctgaccg	ggcgagtggt	ttcatgcctg	480
taatcccagc	actttgggag	gtcaagacaa	ggaaggaggt	gagctgacag	atgtgctgga	540
agagcacaag	gaaccaccca	gtcaggcatg	atctcgagga	ggcggtctgt	ttgggggtta	600
ctcagtgaga	cctgggaagg	anagaaggga	ccttttctgc	angacggtgg	cctggagaag	660
aagctctttt	tccactgaaa	caggaggaat	ggcggggaag	gatgaatgga	tatgtgtatt	720
aattatctat	tgctgcatga	caaatacgga	tcactcaagt	ccaggagttt	gagat	775

<210> 3683

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3683

ttccaaatac	catttnangc	cttnttgcag	gctcccatcg	attcgaattc	ggcacgaggg	60
catgttggcc	agggtggtct	tgaacttntg	acctcanttg	atctgcctgc	ttcggcctcc	120
cagagtgcgt	ggattacagg	tgtaaactac	tgctcctgnc	ctgnaatcca	ttttatnatg	180
ggaagcacan	ttacntagct	aataacttggg	ggcangagct	naagtnanna	ttgcatcnnc	240
antaatnntt	agaatgaata	tanattgaag	tcttggggta	tcccggcatg	attatgtcag	300
atgaaattat	gtgatatgca	naaggaaggc	ctcctgcact	tcatgnctnc	agctnantnc	360
tacananggn	caagggnena	tgannaatnn	ggangagggn	tncttgantn	gaatanatna	420
tntntcactc	agnttaaagc	ctgtaatccc	ancacttttg	gaaggccgag	gcaggaggat	480
cacctgaggt	caggagtgtg	agaccagctt	ggccaacatg	gcgaaaccat	ctctactaaa	540
agtncaaaaa	ttatctgggt	gtggtggtgg	gcacctgtaa	tcacagctac	tcaagtactg	600
angcagaaga	atcanttgaa	cccaggangc	anangttgca	ntgaacccga	gatcacacca	660
ctgnactcca	ncctgggtga	ccaagaatga	aactcccgtc	tcaaaaaaaaa	nannnnnaaa	720
aaacttcgaa	ccttttagaa	ctntnnttga	gtcntntttc	cntnnaaccn	nanc	774

<210> 3684
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3684

atccnagnta	ctcgcctcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagggaagc	60
tccaggcctg	gcgtgctgga	gtcacgagat	gagctgtcca	ggctncatgg	catcgtgagt	120
gaactccgac	cgtggcagg	gaggcttctg	cacttagctg	gctgtcttca	tgtgggccga	180
ttctgtgggt	agtgattctg	atttctcatc	tgaaaagtgg	tgcatactt	agccccctcc	240
acacttggag	ggttctacta	gtgtgcctgc	gtggctgggt	tctgcacact	cagctacttt	300
agtttcttta	gtctatcctt	aaaaagattc	ctaggtgtgt	tcctgatttt	gaggttccgt	360
ttggtcatta	tgtctcttca	gagttcatct	tttaaaatca	gtctgtggac	atTTTTTTTT	420
tcctcttagc	acagtttatg	gtctcatgca	ggccaacaaa	ttgggactct	gaatgtgagt	480
gtgtgtgtcc	acacaccact	agggttatt	accttattgt	caatgttatc	ttaagaaaaa	540
gtggaggctg	ggtgcagtgg	ctcatgcctg	taatcccagc	actctcagag	gctgagatgg	600
aaggatgctt	gagcccagna	gtttgagacc	agcctgagca	acaaagcaag	actcctgcct	660
ntacaaaaaa	aaaaaaaaaa	aactcgagcc	tttanactat	agtgagtcgg	atttacgtag	720
aatccagaca	tgatagatcc	attgatgagt	ttggg			755

<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

<400> 3685

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ctctttaact	atcaaattgc	aatttttttt	ttgccttgca	aataaaca	ttacaattgt	120
catttactgg	tgagacaatg	agaaaaagac	accctcaa	actgttggt	gaacacaaat	180
tgttaaaatc	tttctaggag	tcattttcaa	attatgtatc	aatgacctaa	aaatatttat	240
gtctcctgtt	cttatacttc	cagaaatcta	ttctacagta	ataaccggag	ataaaaaacct	300
ttacatataa	acatgattta	ttatactgaa	aagtcaaaac	aacataaata	ttaaaaatag	360
gagggtggan	atttcacctt	taaatgctat	gtaggagaat	acttaaggga	ttggtnaagn	420
ccaatagttt	tngtattang	tggaaaatgc	cngaattggc	tgaatgntgt	acaaananag	480
cnntcatnnn	ttgccactct	tngtcataac	cnctcgtctc	ttcnatgc	nccccattat	540
tacaaactgt	tcnncnnnac	tcnncnttca	ccangnctcc	ngcnntnncn	annncgannc	600
tctnctccn	cancnnnccc	cogctcnctc	nttctcnnc	acctngetcn	ccccncacnc	660
ccnactcccc	cnctnttact	ttnncccacc	natecnegnc	acnnctntnc	ttcnnncatn	720
ntnccccnnc	ctactcnccn	nntagcnctc	cncttccca	cacttnnctc	nnntctgnnc	780
cntccnttcn	tctcncttac	tacataaccn	ncnctcttct	catctctctc	ttctctctca	840
cnnaccccat	cnncnnnnn	ctcttctctc	cttannctct	cactancct		889

<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3686
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 tttgctggca ttaaatattc aagttgaaga tccttcacct tcctttaatc ctatattaga 120
 gtctataggt gtgtctttct tatagcaatc ctgcactcac ataaaaactg tattttcaat 180
 ataagatcaa aatgtatttc acaaaaaaatg catctttata tttgtttaca tttctcctga 240
 ctgaatgggtg ccatgtacag tctgtgtaag ttatagaaaa cgtttgccaa ctcgtagtct 300
 accattttgt tattttgttt ctatttgttt cgtctgttct ttactgcttt gttttccctt 360
 tcctgccttc ttctggatta attgagtatt ttggtaatcc tttttaatct cctcttttgg 420
 atttttttagc tatacttacc tgtttttgtt tttgtttttt aaggcgttgg taggaaataa 480
 tgtatgcac cttaccttat taaagtctat tttgaaatac tgttacactg cttcatgtaa 540
 cttacaatat gaacctcaca acagtatagt tcattttccc atcccagtat attttacttc 600
 tttgttataa accccatctc tactaaaaat acaaaaaatta actgggtgcc agtggtgcgc 660
 atgctgttag tcccactacn ttgggangct gangcaggag aattgcttga accctgngag 720
 gcnnangttg cagtgaagtcn agacgcacca ctgcactcca ccc 763

<210> 3687
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 3687
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 agcttaacat aacctatgag agtggacagg tgtatgtaaa tgacttacct gtaaatagtg 120
 gtgtaacccg aataagctgt cagactttga tagtgaagaa tgaaaatctt gaaaatttgg 180
 aggaaaaaga atattttgga attgtcagtg taaggatttt agttcatgag tggcctatga 240
 catctgggtc cagtttgcaa ctaattgtca ttcaagaaga ggtagtagag attgatggaa 300
 aacaagttca gcaaaaggat gtcactgaaa ttgatattnt agttaagaac cggggagtag 360
 tcagacattc aaactatacc ctccctttgg aagaaagcat gctctactct atttctcgag 420
 acagtgcatt tttatttacc ctctctaacc tctccaaaaa ananagtgtt agttcactgc 480
 aaaccactan ccannatctt atcacgaatg tggaaaccac tgtngatgaa gatgtntac 540
 ctggcaagtt accngaaacc tcctctcaga gcananccgc catcttcata taangcnang 600
 tgntaattgg atgggaanaa gctncaanaa gacctgngt tnnngnctgg agcaaccnnt 660
 ttacccccgc atttcctttc tanttnttag aacntccatc gggtggnttn ggcaattncc 720
 ncggaanncn gcntnttgcg gncanctnan ccctntttta aaangttgtt nttctncccc 780
 canttttntc tgnaaatccc tacanggcta attccttcaa ngcttctc 829

<210> 3688
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3688

tnctaagtct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
agagaggaac	aaagataaga	atgacagcag	atgtgtggtc	agaaattatt	caaggcagaa	120
gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatatt	180
cttcaaaaat	gaagggtgaaa	taaacacttt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgatactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggtaaatt	360
atatggaaac	atatgaaagt	tatcttttct	cattttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaaggt	acttttgagt	ttagaacata	catagaagca	aaatgtatga	480
caaaaaatac	taaagtttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600
atggtgtcac	tactccagc	ctgggcgaca	gagtgaagcc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gtttggacaa	accactgga	atgcagtga	aaaatgc		767

<210> 3689

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (986)

<223> n = A,T,C or G

<400> 3689

acttattntg	ggncctaantg	gngngccaaa	aaaaaggntg	gggagcatgg	cttagntggg	60
atcntgagan	taatnatgag	atctacnctg	aatgacttta	acctanaatt	aatgtgtggg	120
cagnntgnaa	tatgtgaaat	tnnggcntta	ncnctctttt	ggcnntataa	aaatctnnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgcntaaccn	ctgaantatn	tctganaaac	240
cctaggtnc	gtggcatatg	ngatgaatnc	canngacnna	tnnaaccnca	tnttacatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncaacgact	360
nttgtttng	agcanctntc	ttngntagac	cttntnaccn	ncnanggnntn	ctcttaacnn	420
gntgatnntt	nactcatent	tcnctttctt	tcctattctn	nnnntccaaa	gtttccncnc	480
nnaagnnann	atgaatnant	ngtgnnncnc	cacctnatn	attntanata	nnegcnattg	540
aaatntaata	canntccnc	tnncctcnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnmcnt	tnctnaccnc	nnaaagattc	aaanttcgct	ncecttnttn	ncnatatact	660
ctnnatannn	atannccgaa	attntcancn	ttctantnnt	naentancaa	aactcnctat	720
agnaccctca	catnccctng	acacnathat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcnactcct	nttataccnt	ntnntcattn	taactctatc	atctngnant	840
angnccatct	ccctcanatc	taaacanntt	ntngnctcn	nttagnggag	antgtctctn	900
tacgnctnan	aanggttct	cngatcntcn	naatactent	atagagacta	tacnctcatn	960
attgtctaca	ntatctacaa	cacnng				986

<210> 3690

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (847)

<223> n = A,T,C or G

<400> 3690

cnnattanng	tagctggatg	ctggcctaaa	nanaaggctg	nggcnaattc	ggcacgaggn	60
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agcttgtggg	nnagacnanc	aanggtgcat	gangaanaaa	acnnaattca	ntaagccngn	120
naggnacagc	ccatagtctn	ctcgattngt	acaatcaagg	cggacatttn	ctggntatgt	180
ggannagagg	ttaattggcn	gnctatgant	ggnnnagcct	aaanttgngn	ntacntgnat	240
nnnntnatnt	gcnnanaaan	gcatnngant	tanagntncc	aaaagntntg	aaccnaagga	300
ctanagnaac	anacnnntna	tngcctggtn	ntcagtnata	ncnacaccnc	acaggggacn	360
ngatnttncc	cngnanttnt	nacaggtctc	nnnancctggg	actcaagncn	ncccatcatg	420
caatnncttc	anannaactt	gtgacttgca	ntnnnatact	ananccttnan	tcccttntta	480
cattcctcaa	atgcncaaact	ccncttttct	taattccnat	tatnnactnn	ntnnncnngc	540
ttattggnc	actnntanca	tncnggnann	nccaaactaan	cnnaattntn	gannttgata	600
ttggngcctt	aacnaacana	ncgtnnntat	cgctnngtca	ccantctcac	tcattnatca	660
annacnnnng	cnnnantnat	tctcnatcna	nnennanttt	gctanantnn	nctttccenn	720
cnttnanttn	ctannaaacc	ccctntcnnn	ggcnccaatn	gnnaantngn	accnnncnn	780
tctnnanggg	ntnactnggc	cncatacctc	ctgngcaanc	tntnaannng	canactnctn	840
ntcncct						847

<210> 3691

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3691

ctaattngctg	ggctctngnn	ctttngcaa	nateccaneg	attcgctgca	aatggactg	60
tgattcagga	cctcctcctt	acctacgagc	accctgggag	ggactgacta	atggcccagg	120
gacacacagt	catcctctgc	aggcaacagt	caggcttcta	cttgcctgaag	ccgtcaaggg	180
cttgactgtc	acactcagt	ttctggaaaa	caaatacagta	aagcaattta	gaggatcttt	240
tgcaaatcag	agaaaaagaa	tcaatacaag	gcgaaagaat	tctgatcagc	actttaaaac	300
gtgcttatca	gaaacttttc	ttctctcttt	taagctttgg	ttctaactga	gaaatgcact	360
ggataatagg	taaccctccc	cagaagaaca	tggacttcat	catttcacca	gattcacttg	420
ttccctttta	ggcccagcca	ataaaaagtat	atggtatctt	caagctctga	tttcctaata	480
tcagagataa	aaagccatgg	gaacgcagag	acttggtgaa	tttgtaaaaa	tccaaaaaga	540
aaggccagtc	atgacggctc	acgcctgtaa	tcccggcact	ttgggagggc	aaggcagaag	600
gatcacttga	gccaggaat	tttgagacca	gcttgagcaa	catggtgaaa	ccccatcttt	660
taccaaaaag	ataaattatc	tggacatgg	ggtgcnagcc	tgtantncca	gcaacttggg	720
aaggtgangt	aggaggatca	cttgagcctg	ggangtgga	ggccccgggtg	agccc	775

<210> 3692

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3692

agnnnttcta	atcnnntttc	aaatecgctng	gctactngtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggg	ccaaactagg	gcctgctctg	acatccgcaa	tgtacgtcca	120
ctagcagtg	gcaagacctc	ccgcgagaca	ggtgttggtt	ttaatgcccc	tctcacagat	180
gaggaaaaga	tctcaaagta	ccttgattat	ttacccaaag	ttccccagccc	aggcctttta	240
aactttttat	gcattgcaccg	cctcttgacc	acatcagaca	atcaccacaa	aacgatgggc	300

tgacagttac	tagaggggta	gtaacttata	tttaaaagg	ccaggtagta	aatattttag	360
gctttgtggc	caaaagtctc	taccacacct	actcaactct	gtcacgctag	cacaaaacag	420
ccacacacaa	aaaccaaatt	gggcagctga	aaaaaaaaaa	ataataatta	cttaatgaan	480
aaanaaanna	nacnanttga	nnnttcctnn	tttttnatnc	natnatcccc	tctgtgnatn	540
natcenttna	tgtagcttgt	gacaagnncn	ntncttnaaa	ncatcnnnat	aaaaannncn	600
nctnntttnt	tnaaaaaacct	tnnatcctct	tncanttntt	tggnnnganat	nttttnancng	660
tntaaaanna	ntttttttcaa	aaannnatatt	tnaanaanta	taagtcccng	tttttttngn	720
tttcgggnnn	nggggttttta	annngggncn	tnngtcccaa	nnctttgggn	nccnaaccnn	780
tttnn						785

<210> 3693

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttgggaaggc	cnnecatgat	tcgaattcgg	cacgagattt	60
tcattccgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gttttctttg	120
actctgccac	ctcccactac	tcagctcact	catacttctt	gccatctttc	atcttcccaa	180
taagtatatc	attatggnta	cattagtatc	agggtttaca	ttattatgac	catgtaaattg	240
ctattttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
nctntnctat	ggatngctac	ttatccatat	tgettattntg	ctaagctttc	tgtatactta	360
tcattgncta	tgntntngat	ctccaaattn	tcctncagg	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtgacatc	catnctgnag	480
nctttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggatctnact	540
ttgcctacat	ctgngtctnn	ttnggatctc	tnnnttgctc	gaccccttnc	tttcaactnc	600
ttggngctgca	ctnaaattn	gtggagcaca	tgcaatanta	ngntcctgag	gtatgggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaatggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaatgtac	ctggnacctg	gtt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3694

caaatcncta	ggctactcgt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgagg	60
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ctgcagtgcg	tttgtggtga	ctggcgtctt	gctgattatg	ttcagtctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agatttggtc	aacactggac	tcagcgcttt	240
ccttttcttt	attgcttcaa	tcgtactggc	tgctttaaac	catagagccc	ggagcagaaa	300
ttgctgccc	tgatattttg	cttcttggtg	actgcggcat	atgcagtgaa	cacattcctg	360
gcagtgcaga	aatggagagt	caanccgtcc	gccancanaa	gcaccaatga	ctacattcga	420
gcccgcacgg	agtccangga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggta	angaccgctg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600

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gcctaaccat ggtccccact tctgtcattc acacaagttt taagtgggtc ttgccaccan 660
aaatcctctt ttgctanggt actccggaat tgcttccctg nggctttnat cttaaatact 720
taaccatggg annaagactt tcaagaagan tcaatcttta attccttccc tcaattggct 780
aaaatttttc ttaaaaaaa 799

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<210> 3695
<211> 876
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

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<400> 3695
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tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaaggtgat atgaggcagg 180
agccaaagag aagatctgcc aggttgctctg ctatgcttgt gccagttaca ccagaagtga 240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa 300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag 360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa 420
aagaaattgt ggaagtaaaa gaagaaaaata ttgaagatgc cacagaaaag ggaggagaaa 480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag 540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag 600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag 660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaaanan 720
nnnnnnnnnn nnnnnnnnaa aaaaaaagcc tnttagaact tttaggggag tccgtatttc 780
cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact 840
tggaaatgcc nttgaaaaaa aatgcttttn ttttnt 876

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<210> 3696
<211> 876
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

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<400> 3696
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ttcgaattcg gcacgaggca gtgactgcct tcggcttttt ttctgctgac taagatctcc 120
tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaaggtgat atgaggcagg 180
agccaaagag aagatctgcc aggttgctctg ctatgcttgt gccagttaca ccagaagtga 240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa 300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag 360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa 420
aagaaattgt ggaagtaaaa gaagaaaaata ttgaagatgc cacagaaaag ggaggagaaa 480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag 540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag 600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag 660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaaanan 720
nnnnnnnnnn nnnnnnnnaa aaaaaaagcc tnttagaact tttaggggag tccgtatttc 780

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cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact 840
 tggaaatgcc nttgaaaaaa aatgcttttn tttnt 876

<210> 3697

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1151)

<223> n = A,T,C or G

<400> 3697

ttctaaatac	taggctatng	ttctttntgc	aggatccntc	nattcgcgcc	gcaagctgct	60
gaatgccttg	ggactagctg	gtgattacct	cgcccagggc	ctgaactcac	cctggccagg	120
tccanacctt	tctgctgtgg	ggagcaaggg	ccctggctgt	ctactggctg	ctggctctgc	180
tntcggctt	ggtcttgccc	ttgctgggcn	gacctgtgtg	ggctgaanct	tgtcatttta	240
cttgcccgnt	ttcttgcccc	tgatgaagtn	ngtgccecg	aaccttttta	ncccgggccc	300
tggttaattc	tggncccttg	gttgaatcct	cttaananca	ctgcttatan	cccngnttta	360
aannggnttt	nccaaaacct	ctttnggggg	tnnaaaaatt	ttataggcca	aaatgnntnn	420
caaanggctt	ttnnaaacnc	ccnctttggt	aanggaaacn	tttagncntt	nngnccccnt	480
aaangnccaa	antcggnncc	anaaaggggg	ggcccccnc	aaaanttggn	aatgnaaagn	540
aaanttaaaa	ccccgatntn	gcncccaaaa	aaaaaccggn	ccaatnngtt	tcattaacct	600
nnaaaaaaaa	acntttaaaa	cctgngnttt	tntnngnggc	cccaattttc	taaaaacctt	660
tntcctttgc	ccaaaaacnc	cccccttggg	gncccttntt	tttnaatttt	ggncccccctt	720
ggggncctnt	ttttngaaaa	aacctttttt	aaagnaaaaa	caaatttttg	gaatnnccctn	780
ttttgccccn	gnnanaaaant	cccccccaan	anttttttag	ncccccaagg	naagggnaaa	840
aaaccnctc	cgggaaaaaa	gggnaacccc	caanttttnc	ccccccctn	tgggcctttg	900
ggttancccn	tttttgccgg	ggggnncccc	ttggggnnnn	ttttttntnt	aaanggggggt	960
ttccttcttt	gggnccctcn	gggggggggt	tttnggggct	ntttntntnt	tttaaaaacc	1020
cccctttttt	atnntntggg	ngttttcnnc	aaaaaccttt	ggggcccttt	aaacccaagg	1080
gggaaaaagg	ttttttgaaa	aagggggggc	cttatcnctt	tttnggggct	tntttgggna	1140
aaanatgggc	g					1151

<210> 3698

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3698

atacagctct	tgttcttttt	gcggatccct	cgattcggtg	aacaggagag	tcgcatggag	60
gtactgtttg	cctgtgctga	ggccctgcat	gcgcatggct	atagcagtga	ggcctcccgt	120
ctcactgtgg	agcttgccca	ggatctgcta	gccaaaccac	ccgacctcaa	ggtagagccc	180
gcccctgcca	agggcaagaa	gaacaaggta	tccacgagcc	cgtcagacct	gggtggctac	240
caacaccctg	agcaaggcgg	ccttcctggt	gacagtgtct	antgagcggt	cagagcacca	300
caacctggcc	ttccgagttg	gcatgtttgc	cttgagctn	canangcctt	cancttntac	360
aaggncttgg	aagtgaaact	tgcattccan	gaatctgaag	tggctgncct	gctcaaagaa	420
gatccctctg	ggtccaaatg	agatgagtac	catgccgtgc	cgggcanang	aacttcggga	480
ggggacactt	ctgtgactat	cggctgtgtt	gnctctcatg	ctggccagtt	catctttgac	540
gtctctgtgc	tccaagtatg	atgacctgacc	ctacagtaag	tggggaactg	gggtanggggt	600

agctttctnt	taanaaagan	cnaagacccc	aagttttctga	atcaccttta	ggaccatcag	660
caacttcatg	ggttnccggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttgga	tttnaacaca	nnttgcttgc	cttgggcatg	aaaa		764

<210> 3699

<211> 867

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(867)

<223> n = A,T,C or G

<400> 3699

ttcctaattgc	tnggctactc	gntctttntg	caggatccnt	cgattcgaat	tcggcacgag	60
aatgaagggt	ggggagaaaa	gaaagcaatt	taggagactc	tatagggagg	aaaggatgag	120
atgcatttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	180
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttangg	240
gctctattgc	ctgctaattt	catcactgnt	atctttctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcattttac	cttgagtttt	taagcttggtg	360
cnnaaaccaa	caagggttggg	gcccnagtgt	ncnagaatgn	ngttncctna	cnttggnaaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttgggcc	tttttaaaga	caccaangtt	480
ttaccncat	tccatggggt	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactggt	gccaagattc	ccgaaagggg	agccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	cccccantn	660
agggaaaaaa	ttcccagant	gaatgggggt	accnggtctt	gacctttang	gaacatgtan	720
gcttgncttg	cccnatgttc	ccncaacatt	nggtccctt	ttacaatgnc	cttantacat	780
taatngnggg	gcccctcatt	ttnaaatttt	aaaaaatttc	atctttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaat	gttttct				867

<210> 3700

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3700

tncttatnct	ttgaantcct	ttttgcggat	ccctcgattc	gcttttttta	gtgatcactt	60
ttgaattgtg	ttcagatatg	cagtttcagg	tgtnatcadc	agagctgggt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaaggggt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaaagcaa	240
ggcttggtta	atatgatattg	agggttaagat	tttaatatat	caaatgtaac	attcttagtt	300
gcctttagtt	tcanaggctt	gtaagacttc	ctcatgacn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcaccct	tgcttcttca	ganattgnag	ntatttggat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgntac	anccggaanc	cctggncatt	ttgggatatt	tttggaaagg	tttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggttaaagg	tttaaacctt	660
tttttttaag	gggtnaaaaa	anggggtattn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttgggnat	tccacctggg	tnaaaaacca	ttggttggga	aaatccnaag	780
ccttttttnc	caaattttcc	ctttaatggc	ccanggggtc	caattggaat	naaacctttg	840

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ggtaaaaaag gtttnnaagt ttcccaaatt ccatttttgg nggccttaat ggggtttttt 900
taaaaaat tcttnnaaaa gccnnccct ttggt 935

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<210> 3701
<211> 977
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (977)
<223> n = A,T,C or G

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<400> 3701
atnccancta cttgntcttt ntgcaggatc ccatcgattc gaattcggca cgaggtttta 60
agtattctca tccgtcaact gggattggta atagtacagg gctgttagga tgattgcatg 120
agatgaaata catttagcac ttggtaagca ctctataaat atggcaatat gatagtcctt 180
gactcatctt cctctctgnt gccctttaaa caggtagaca cctagccttg ttgggttttat 240
gtgctcaaca gcagttggac ttcccttggt ctcctctacc catgctactg cgtagtcaan 300
ccctccataa anctnctctc tggncctctg ttcccanatg gnctttggcc ttcccttttt 360
ccttcccanc ttaacgtttt taaccatgcc ccngggaatn ttttttgaaa angggaaact 420
gganccttng gtncctcngg ctttaaaaaa ccnnccaata aatttnttac ccncattagn 480
agggnttaaa aaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga 540
actttttcct ggccttcaa acttttccaa ccctctttcc cgggtncatt ggggatccct 600
attaccggg aggaacatta ccaaaaaatt ncctttaaaa tttcttncc aaaacattgg 660
aanccttttt tcccgggctt tctttttcaa taatggtanc aatggttccc aaaaggccaa 720
attnattct tggncctttg gaaacctttt tggggaaacc aagaacttca actttccatn 780
gggccccagt ttttttncca attcaaggga aggttttttg ggcttggtaa aagggntacc 840
ccaacaantt ggccaaggga aaaaaaaaaa agcccacct tgggggcctt naaacctggg 900
gtngggggaa naaacccctg gggggtncct cttnggggtt tncctggggg nccttnccca 960
accttaagnc cccacna 977

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```

<210> 3702
<211> 932
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1) ... (932)
<223> n = A,T,C or G

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<400> 3702
naatcccagc tacttgttct ttttgcagga tccctcgttc ggaccctcat gccccgcttc 60
tgctccagcc tttcttactc attaggetct agtctcactt cttatttttt aaattgtgag 120
taattttcat gcttggtagt tgattttctt tccatctctg natgcatact tctgcacct 180
agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt 240
acttgctca aaacactgaa ttcttacctg ngttaaatgc ntgaatcntt taaacttttt 300
aagtttacct agaaagtgt taaagnggga actaatcnnt tntgantggg nataccnccc 360
nngntttgaa aactaccttt gancnttttt ttccttttta atnaagctct taaaaccggt 420
taancagccc cccgnggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc 480
ccnggaaaaa aaacngnnc aagggttgg ggaaaaaaat gccnctaagg gattgttttc 540
cagcctttcc agaaattttt gggecnaacc tggangaagc ttcaaaattc caaggaaatt 600
ntggtaaang gggnttttta tgaggccaaa ttaaatnggg ncctttagna anccccnttt 660
aggaccaatt ttaaatnggt ttgnaaaagg ccagccttn ggtnaacctg ggnccctttt 720
ggctttngct tttttngggn ccattcnttn atacctgggc naaaatttaa ggnaaattta 780

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cctccagggt	tnaaaaaaat	nggncncctt	tnttggnaaa	aaagtttccc	ttgggnnggt	840
tttaaaggga	aaaanaanaa	aangnnaaaa	aaaaacttcg	agnccttttt	naaacctttt	900
ngtggaggtc	cggatttacc	gttagantcc	cc			932

<210> 3703

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3703

cnaatngcta	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
actcttttat	attagggact	tgagcatctg	gagagtgtgg	tatctgaggg	agttcctgga	120
actaatgtgc	agatgccaaag	ggacaactgt	actattgtac	ttggaagtac	tcattggggtc	180
atattgcatt	gtttctttga	gtcctaattc	tgccaacatg	gcctgggtgct	tgcattaatc	240
agcttttctaa	tctctgagta	acaaggcaca	gtaacaagga	gcagtaacaa	ggcacagggc	300
tggcacctga	gagtggagggt	acccaggagg	cagacaccat	aaggcgggaa	atggacatat	360
gtacagaatc	atggctgcat	gtcctgaanc	ctggcttaag	ccatcaacgg	ctgctgggca	420
agggccaaag	ccctgttata	cctttcgccc	tttctgatgg	ctctgtctct	gccttcaactg	480
ggtgtgggca	agccnnaccc	acccnaggct	nnagcccttt	acccacagtg	ttannaaatg	540
caancttcaa	taggattgtn	cttnaggccc	ttccccanaa	anccnggatt	ttgacagggg	600
gcnatgantt	cannnnccng	cttttaattg	attggcctat	cggtttttaa	aataatgacc	660
aatnggggcn	ttgngcctgg	ccnanaannc	ntnancattc	natttttctg	ccaatttttg	720
ggtcnaaatn	ccngcngntt	ttncnctngn	nnngtttnaa	tgaactgnaa	naaaatnnnt	780
ttgnttgng						789

<210> 3704

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3704

ttcnaatgct	tggtactcg	ntctttctgc	aggnatccca	tcgattcggt	caaatctgcc	60
actcccagag	cccggtggaac	tctggcccaa	ggctctctga	ctgactcctt	cttggcttag	120
cggctgaaga	ctgacactgc	ccgatcgcnt	nagaaacacc	gtaaaccatc	acggangccg	180
agctntactt	anctttcana	gtggagggaan	gcnggaatgt	nangcctctn	aacccaagcc	240
aagccatcac	attccctgng	acttgnacgt	atgcacgtnt	gncctaaat	ggcctgaant	300
tactgaataa	tnacananga	ngtgaaaagg	ccctgtcccg	ccttaactga	tgacntttcc	360
accattggga	tttgttctg	ccccacctta	acngagngan	ttaccctgtg	aatttncttc	420
tcttgggtca	naanctcccc	cactgatcag	cttgggancc	cogttcntnn	caccatanaa	480
caaacccccct	ttgactgaaa	ttttcccat	accttccan	atcctataaa	angggcccca	540
nccttatntc	ccttcgctga	ctcttttcng	ncttnnggcc	catctgnccc	tggcgaaata	600
aacanccatg	tagttcacat	aanaanaten	tttaaaaaac	cttnganccc	tttttnaant	660
atantggagg	cccnttttan	gggaaattcc	cgnanttttg	ataangatac	catntgtann	720
antnttgggc	caanaccenc	aaactntgaa	atgnccattt	gaanaaaaaa	aangccttnt	780
antttttggn	cnnaaaattg	ngngg				805

<210> 3705
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 3705

naaatccctg	gctactcgnt	ctttttgcag	gatcccttcg	nttcgaattc	ggcacgagcc	60
agcctggcca	acatggcaaa	acactgtgta	cactacaaat	agaaaaattg	gccggggcatc	120
atgggtgtgtg	cccgtagtcc	cacctactca	ggaggctgat	gcaggagaat	cgcttgagcc	180
tggagggcgg	aggttgcagt	gagacgatac	cgtccactgc	acttcancct	gggcaacagc	240
aagactncgt	cttcaaaaaa	aaaaatttta	aaaagatttt	tcttatggng	ggtttcaaaa	300
aatggttgn	ttggcaacgc	tnggtgccaa	tgggttacc	ctgnntaatc	ccnccacttt	360
ttaaaagncc	caaaccgggt	ggggatcacc	ctctanggtc	nggaaatttt	gtnnnacctt	420
tggggtnnan	aattnnngng	nnccccccat	ttttttcctt	ataaaaangna	ccccncnaaa	480
aaattctatt	tcnccggaat	ttgggtgggc	accgttgccc	ttggtaaatt	cccaancttt	540
ctttggggga	angctttaag	gcccaggnaa	aaaattggnc	ntnaaanctt	ctgggggctt	600
caaagccgaa	ncanttncca	accttcaacc	ttccatatnn	anttggggac	tacnagggng	660
ccnccnanc	nttttnctgg	ctaanattta	ctgantttca	ngtagagnan	ccancttttn	720
ttatttttnc	ccaaanncnt	gctnnnaaat	tctnnctnt	tatgnanccn	accaatatct	780
nnntnccna	aaattctngn	nacnttntnt	ctnagaaacc	tnatngccnc	nantannncc	840
tngggttcan	nntttcccn	tcnttttc				868

<210> 3706
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 3706

cctagttna	atngctnggc	tactngttct	ttttgcagga	tcctctgatt	cgaattcggc	60
acgaggtgaa	gccacctttg	tgaacagtat	agtaatgtct	atacttgttc	aatagtttag	120
aggaggtagg	agggaagaaa	ttgcaaaagg	taatattact	agtgtgttca	tacttggaca	180
ttttcagaca	ccatttttct	atatgttttg	tgcattttgt	tttgctctgt	atatagtata	240
tataatggac	aaatagtcct	aatttttcaa	catctagtct	ctagatgtta	aagaggttgc	300
cagtgtatga	caaaggagta	aaattagcct	attttgtaca	ctttgngggt	gaattcctng	360
gaaaacctgg	cttctgnnaa	aaaccttttn	cttaggaatn	tgtttngcca	tctcttaacn	420
ttacacctng	ccctgtncct	ntccactgga	ttgaaaggcc	cnataaagga	aggggagggga	480
agggaaattg	atttcaaagg	ccccaaatgg	gccacatttt	aggaaagaat	accctcacna	540
tgggaataanc	ccattttggt	aatgtngtgg	tgccaaattt	ttatttaaac	aagtgcctgg	600
ngtaatggtg	ggtggggacc	aaagtattat	ntggaaaata	tcctnagtnc	tttcttagaa	660
tanttttggg	aaaatgcctt	ggatggtatt	ttaaaaagtg	gtaagtagaa	atanaccctt	720
tttggaat	aagccttttt	aaaaaacctg	attgggnaaa	ttcctngttt	tggaaanttg	780
gaaattggtt	ggaaccancc	tgggaagggtg	ggaaggggaa	gaaaatgcca	atggggggtt	840
tggccattgg	ttnta					855

<210> 3707
 <211> 778

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3707

gnnnnnttnna	aannnccngg	nttcnngnng	cccttgtttg	nccnananaa	acncnntgna	60
ancnccggct	cgcttctect	cttccattgc	gatttgccct	ctttatccag	ncttnnggaa	120
tgctgatttn	aaatgtnnnt	ggcacaaggc	aggcgtgaaa	acataaagtt	aataaaaatc	180
gaatgcataa	gctagagcag	attatccaca	gattcttcca	tctccatata	gattatcacc	240
attgcctgca	cctgttttcc	ttctccagcc	tatctgatgg	aatgggtgctt	ccatgacatg	300
tggtattttg	aaggctctta	gctctgatgt	aatcaggggt	tgacccatag	tcacctgaaa	360
tagnncttct	ggnnctcttt	ggtctatgaa	ctgaagggtc	tcagaagccc	gtgttatgca	420
aatacccttc	catccccctc	cctctccccct	tgcctctatc	catgttccct	cagcctcagg	480
gtgcttgca	gctaagagga	ttgggnctct	ggcatcctgg	agctgaacag	ctcgngtcag	540
gaattcccca	ggcccttgag	nctctggggg	gagttgnagg	gggtgtgtagg	gngctgggga	600
ttaaganctg	ctgagtaggg	gcttaccaga	ggtatactga	aggacctgaa	gacagatcat	660
cttcacataa	tcagcatgac	cataatctgg	gatggcactg	agcttctttt	antcnggagn	720
caaggaatgn	gcncaagnaa	ngcaaantaa	tnccttttaa	gcccagggat	naggggaan	778

<210> 3708
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3708

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tcgagtgatt	aagtctcact	aggaataggc	ttttctaaat	tgntttatct	catcctcatt	120
agaacttcac	cacatgtggg	aatcatgtg	gcaaaaactgt	ctctcttaaa	aaaaaagtca	180
ccaaggaaac	ctccttctgc	aatttaagaa	ataaaaatccc	agtgcattg	atttggtatg	240
tccaaacatg	tccataatgg	aagagctttt	ccagggtttt	gtttggggcc	cccagaccaa	300
agcttttgaca	cataatacaa	gctctgtaag	tctgttttcc	tgtctgtaat	ttgggattgt	360
catctttgta	gggtgtcatg	gagattaagt	tattcactgt	agacaatgcc	cctttcatgt	420
aatagattct	gtcagtatta	gatctttttc	ttctcttcca	agtttcaaac	atagattagg	480
caaaatttta	atggctattt	cacaaaatca	gcttgattct	tgtttatgac	atcaagtgtt	540
gtttttccag	gttgtctgtt	aaagggttac	tttttttttt	ctaaaagtgc	ttttanaaat	600
tccagtgtta	gtatgtatgc	atcatttaag	ctaagaatga	agatntaaag	atcacccaac	660
agtttaaagc	tggattcttt	tancaggtca	aaggagaatt	gngntttgnc	tagctgnctt	720
ancogtgtcg	gacttcttgg	actcaagtga	tcccacctgn	ccttaanctc	ccaaagtgcc	780
nggaggtt						788

<210> 3709
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3709

gnnncngcctt	nagttccnca	ngcgnactct	ttgnacganc	ttatgaacag	atatggaggc	60
cagagctcat	ttgggtaaac	ttactcctgc	tgagtttagca	ttttggtgag	agaagctccc	120
ctgagctcac	ctgtctctct	gactgccttg	gagtaggtgg	cataaccttg	tgcacagaga	180
actagaaaag	gggcagaacc	ccggccttgc	agttgtggca	ggtttccact	gtggtaagct	240
aggttcattc	ctcatcaagg	aatgtgtagc	agattgttca	ctgtggagga	gttaattata	300
gaatgggtta	ttgttggtat	tcttactcat	gaagttacag	attttagcca	gtctttgctt	360
ttatactttt	gtgaaattta	atctctctct	atagcacctt	cctttttcgt	tttcagttat	420
caaaagtgc	tttgacctca	taaaagagtt	gagaacatct	ctcgtgtcac	atactgcagg	480
tgcacagctt	acttttgcac	agattctagg	gggacatttt	tctgaatagg	aagacaggac	540
aaagttaaca	gcttaagggc	tcttaattct	gtgagttgag	gacttaaaaa	gtattgnagc	600
atgtgtgtgg	atccatgaaa	aaatgtattc	agtgggcttt	taaaatttcc	atgtgcagaa	660
tttggntctc	cangctgttt	ggggagctct	tttttttacc	attttttctc	ctttgcacct	720
attnatggn	ggttaaagta	aanggttnact				750

<210> 3710

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 3710

aanagcnmnt	cnaatngcta	ggttntcgct	ctttttgchg	atccctcgat	togaattcgg	60
cacgagatta	ttataagact	aacattctga	taagccatgg	tataattaac	attattaaaa	120
tgtttacata	taatccttct	taaagtatac	tcttttataa	atccattggc	ataaccttac	180
ttttagttta	gtgatccaga	atttccccag	agcttaagcc	actgcagtaa	attaggtacc	240
gtaggatatt	cagtcgctac	tagccacaag	gagtctcctt	attttaaatgt	acctccctca	300
gtactttatt	cctgcagagc	gcctcagagt	gggggagaga	aatgagcaat	cctggctcan	360
ntggattatt	tcagcatttt	attttctaaa	atctgtagt	tgatcccgaa	aatattttaaa	420
attaaaaaaaa	atactttttac	cagaagagag	gcctacctaa	tcaatgngct	ttagagaaac	480
naaactaccc	tttaccattc	aatttaacaa	ccnanaaaaa	ggtttaccgg	aaatttttaac	540
aaaacatttt	ttctttatct	gaattntggg	gaggaaaata	cttaatgctg	acaccgttta	600
ataaattttag	gaaaaaggat	ccattcccag	gaatctttat	gggaaaaaat	tgggggtttt	660
naaattttcca	agccagggtt	ggctctttgg	aagaacatng	ggtaantcct	cnttaaattgg	720
taaacttnct	taaaagggan	naggggttag	aattnggaaa	aagggaatct	ttgggnattn	780
ttaccnttta	aattaatggg	tcccaggaat	nggggtttca	agggattntt	ncanaaatta	840
aaaattnggg	tttttgggtt	gggaaaaaaa	tggaaatacc	cttttttngg	ggggg	895

<210> 3711

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3711

naatngctag	gttnanacgc	tnggctctng	ttctttttgc	agggatccca	tcgattcggg	60
cgtgactcct	gtacaagga	aaataggctt	ggagaagatt	ggtgtcaaaa	ttaatgagaa	120
gagtggaaaa	atacctgtaa	atgatgtgga	acagaccaat	gtgccatatt	tctatgctgt	180
tggtgatatt	ttggaggata	agccagagct	cactcctgtc	gccatacagt	caggcaagct	240
gctagctcag	agactttttg	gggcctcttt	agaaaagata	tatcatactt	tgttctggcc	300
tcttgaatgg	acagtagctg	gcagagagaa	caacacttgt	tacgcaaaga	taatctgcaa	360
taaattcgac	catgatcggg	tgataggatt	tcatattctt	nggaccaaac	gccggtgang	420
ttacccaagg	atttgcagct	gcaatgaaat	gtgggctcac	aaaacagcta	cttgatgaca	480
ccattggaat	tcaccccaca	tgtggggagg	tgttcacgac	tttggaaatc	acaaagtcgt	540
caggactaga	catcactcag	aaaggctgct	gaggctagcc	tgtgtctggt	taagttctnc	600
ttgncatatt	ctcattttctc	tcaaagataa	gaatgctctc	ggatnaaatg	agcctgtgct	660
catgacanct	gctctggtac	ttanggacca	ntgcaaggct	tncttaccac	acttagatga	720
gaaagttnnc	aanggaaaaa	ggncaccaat	ngggcatttt	gcctt		765

<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3712

agnnctttct	tacgcctnnt	gaacttnttg	naantcctnt	tttgcaggac	ccatcgattc	60
gaattcggca	cgaggaaagg	acccatgatg	taaggatgtc	ttttttgggg	ggtgcttgtg	120
gctccttaac	tggtcttgga	aagagcctac	ttcccatagt	gaaccctgtg	aggtccaatt	180
ctgttctctc	ccttggagct	ccaagagaag	gtcattgcct	tgtagcagca	ggtgcccccc	240
caagctgggt	tctcactgca	ggtgccagcg	ggctctcagt	aggtatgacc	tggatgtgag	300
tggtgaacca	ggattgaggc	actcagcacc	ttcgaccaca	cttccactct	ccctgggggt	360
caagtcaggc	tatggaaaag	tgtcaccttg	tttgncatat	aactggatgg	gtngtaaaca	420
gaacgcctct	ggcaaaggtn	gaccttgaag	gcaaaactga	gttgaggggt	gttaggacgg	480
aaataattac	tgctgggcat	gcaacacttc	ccaaccgttc	ttgtgangca	agcantgtta	540
ttgncagttt	ggcacaangg	cacangtgta	nnaacaacgt	aagtgccctg	gggcccgtgc	600
ttacaccacc	cactgngggt	tgaacttana	atgtgaaccc	aaggcccttt	ttgaattccc	660
aaantccctc	aatcccttca	atcctaaaca	agcnttgcc	gccgggttan	ccaaaaaagg	720
gggacctcen	ggnaatntng	ctcttgscan	ntttntttta	anctggatnt	attaatgggg	780
aaaaccanan	ntanaantnt	ttggtnt				807

<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (909)

<223> n = A,T,C or G

<400> 3713

ttgcnaatcg	ctaggctctc	gttctttttg	caggatccct	cgattcgttt	tttactatgt	60
accataatgt	cccattcatg	agaacctagc	aagtagtttt	tctcattagc	gaatgctaga	120
atttttat	ttttcacata	gtgaaaaggt	gaaattgggc	tgtcttccctc	tttacttttag	180
ctgctagtaa	ggttgaaaca	acgatgggtc	ccaaatttaa	cagttagggtg	acatcttctt	240
ctacgtgtgc	taagattacc	cagacttcac	tttaccctta	tttccactg	actttgatcc	300

cttttacttg	nttttattct	gnaagtatgt	atTTTTgnca	tctttcagna	ctctttggna	360
tcnnaataaa	attaaattcc	cctagncttt	aaanangata	atngggtnnc	ttggnttaaa	420
nattaaaaa	naaaagtnat	ttngggcttt	natataataa	ttaagccant	aagnnatttt	480
tnnggcnaaa	tccttttctt	gccanaaggg	ggcccagaac	gggnttaaat	atTTTTtaag	540
ggtggtttnc	caagggccaa	ggtggaatcc	tcttgggttg	gcaaacttaa	ccttcaagcc	600
ttcttggccg	gttccgttaa	antggangga	aaaaggccag	gccccttnng	gacccaatgg	660
gccattttaa	ggcccaaaat	ggggggttng	ttggaacttg	gggggttttc	ccaanttaaa	720
aaaccttttt	aatttttttnc	naaaaaancc	aatggggctt	accatttttg	acttttttng	780
tggttngtaa	ttttggcctt	acccccccaa	aaanaaanaa	anannnnnct	tcctatattn	840
actnnnanac	tttcantnan	caaaaaaaaa	cntgggccct	tttanaactt	tnnggggncc	900
tntnctan						909

<210> 3714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3714

aaatnnnagc	tacttgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgaggagcc	60
atggcagaaa	atcagtgatg	tcattgagga	ctctgtagtt	gaagattata	attcagtggga	120
taaaactacc	acagtttctg	tgagccagca	gccagtctcg	gctccagtgc	ccatcgctgc	180
ccatgottct	gttgtctggc	acctctctac	atccaccacc	gttagtagca	gcggggcaca	240
gaacagcgac	agtacaaaga	agactcttgt	cacactaatt	gccaacaaca	atgctggcaa	300
tcctttggtc	cagcaagggtg	gacagccact	catcctgacc	cagaatccag	ccccaggtct	360
gggcacaatg	gttactcaac	cagtattgag	gcctgttcag	gtcatgcaga	atgccaatca	420
tgtgactagt	tccctgtggg	cctcacaacc	aatatTTtate	actacgcagg	gatttctctgt	480
aaggaatgtc	cggcctgtac	aaaatgcaat	gaatcagggt	gggattgtgc	tgaacgtaca	540
gcaaggccaa	acggtttagac	caattacact	agttncagcc	ccangtacc	agtttgtaa	600
acccgacagt	tggagttnca	caagtgttct	tccagatgac	ccctgtgang	ccaggcttca	660
caatgcctgt	gangggccacc	accaaacc	ttnaccaccg	tcattcccgg	cactnttacc	720
attcgnaagc	aaccgtccca	aagtcccagt	ct			752

<210> 3715

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (960)

<223> n = A,T,C or G

<400> 3715

tttcaaactc	ctnggctact	cgttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtctcgagt	ttgttgtttt	ttgtaatccg	ttttagagt	aattaaactc	agacatccct	120
ggattgtatg	ctgtctgtag	aatgttgatt	ttcaggcacg	gggatgtagc	tgtagaatgt	180
ggcttgggtc	ttcttctctga	taagaaattg	atctcctgaa	tggattggcc	atttggtaat	240
ttcttagtga	aaggctgact	cttgaatatg	gctgggtata	tataaattct	taccaacata	300
aaagtaaggg	cttatttggg	gcttgggtaa	aactgtcatg	ccttgganga	tatatagctt	360
ataaaattgg	cttaaccttg	nattttatga	cctanctnnc	ccctgntgcc	aacntttnac	420
ttgccaaaaa	noctgggatt	cntgttttnc	aagggngnac	cttattattt	gtggaagaaa	480

aatttggatt	nnccaagggt	aacctatttt	tcaanggctt	cttggccttt	tгнаattttt	540
cttcaatttc	accatggcct	tcctttttat	tcctnttttt	tncccttcc	caaanggggt	600
tccnggggaa	tttancctgg	tttcccggga	aagnaaanga	angggatttn	ttccaccant	660
taaggccanc	cccaaatttt	tttaccctac	ctttccaaaa	accccgangg	aagccttacc	720
ttacctgggn	gggtnaaaaa	ttanggggtt	taaccacccc	ccaanatttg	ggaaaaatcc	780
tttttggcca	aaaaagggtt	ccnggggttc	taatttcaaa	ccggaaacca	gngnacttnt	840
ttagccnaaa	aaaggaaagg	aatccgtttc	cccattattt	gggaaccgcc	ccccatttta	900
aaatttnccc	agnnggtttt	ctttaaatgg	gaacctttgc	caaaagggaa	atatttggcc	960

<210> 3716

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3716

ttnaaanccc	nnttnncaat	cnncagctac	ttgttctttt	tgcagggatc	ccatcgattc	60
gcaaagcttg	atctattaat	atattgatca	gagttccatg	atccttttct	aaaatgggtg	120
ctttattttg	ccagaataat	tctgcagggt	gttttttttg	ggacggagtc	tcactctgtt	180
gcccaggata	gaatgcagag	tggcacaatc	ttggctcact	gcagctcttg	cctcccagtt	240
tcaggagaat	tgtgtgaacc	tggaaaggcg	aggttgagtc	gagccgagat	caatcaccac	300
tgcacttcac	ctgagcaaca	gggcaagact	tcattctaaa	aaaatttttt	ttggatttat	360
atttactgan	aaggtctgtt	actaaagggt	ttaanatttg	gntgggtttt	accgctaaat	420
gtttgtanag	tctgaatctn	tggcctnggn	aaagaataat	tacangcntt	caccaagtgt	480
tgaaaccttc	tgggttngga	tgaaaagaaa	ctttcaagct	nagaggaana	atgttctgaa	540
atatttgggg	aagtttggca	gactcctttc	tcaaggggta	tgttcatttg	ggccngtgat	600
tctggaaccc	cctttgcaga	tatcttaagt	gtgtcatgaa	agtttaccaa	gaacattgtg	660
agtanttgca	attaccaaag	ggaaccaatg	ttcatattac	tttccattat	ccggtctcaa	720
gnattcttnc	ngagatnctt	taccctgtgt	aaagtgaatc	ncttctct		769

<210> 3717

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3717

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gcatgtctca	ggaagccatg	cttgtcacag	aggaatcact	ccgaggctaa	aggaacatct	120
gggcaatcct	acttgtgtac	tcattggatt	cattcagtga	ccttggtatt	atccttctag	180
ctaaatgctc	tgggtcttaa	ttcacgactc	caagggtgct	cttgatttta	aggaacattt	240
tggcagaata	gagagaagtt	gagcaaatat	taacagatgt	ccaaaggggc	agtgtgattt	300
attatgtcaa	gagaatcagt	tttatgtcga	gggaagaatt	ttggtagaaa	tcactgtatt	360
ttttggaaaa	tatcatattt	gggttttttc	attgnataag	taatacatgg	atacatgctt	420
atataaagaa	aaattcataa	tatagaaaca	taaggaggaa	aaatgagtca	tttttctccc	480
atagttcact	cctttcccct	ccctttcagt	aaccagtgct	acacgggtgt	gtctttccag	540
acgttaaaaag	cagtcataca	tatctctaaa	gggaaagttt	gcgtttgctt	gntntttctt	600
cctgnattaa	taggatttgg	gtatatatat	acncaccccg	taatatattt	tggatctgga	660

tatntaggag catatctctg ggggtgcgctt tttaaaattt tatggccaaa tcctacagct 720
tcttcatgtn acttgcttat tngatgtttc cncant 756

<210> 3718

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 3718

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cgaaagtgc	ttagagagt	actcccagga	cgaaagtgc	gaggaggagg	agggagacgt	120
agaaaaggaa	aagaaggcgc	aggaagcaga	agcgcagagc	gaggacgacg	acgaggatac	180
agaagaggaa	caggggggag	aaaaggaaaa	gggagcgcag	gagaaaagga	gggggaagag	240
agtccgtttt	gcagaagatg	aagaaaagag	tgaaaattcc	tcggaggacg	gtgacataac	300
ggataagagt	ctttgtggaa	gtggtgaaaa	gtacatccca	cctcatgtga	ggcaagctga	360
ggagacagt	gacttcaaga	aaaagggaaga	actanaaagg	ctgaanaaac	atgtaaaagg	420
tctacttaac	aggttgagt	aacccaacat	ggcttccatc	agtgggcagc	tggaggaact	480
gtacatggcc	cacagcagaa	aggacatgaa	tgacaccctg	acctccgctc	tcattgggtgc	540
ctgcgttcac	tgcttcggcc	atgcccaca	gactgatgat	ggagcatgtt	ctcttagtca	600
gcaccttna	ccacacagtt	tggaatcgag	gtcngtgccc	actttcttgg	aggcattggg	660
gaggaaagt	cgatgccnnt	cttttnaata	ccggaagcca	aagggaang	anttgtnaca	720
acctgttcac	cgtcattggc	cattttatac	aacttcccg	ggtnt		766

<210> 3719

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 3719

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agggacaaac	catctccaga	gccttaatcg	catctgtaaa	gtccctttta	ccatgtaaat	120
taatattcat	agtttctgaa	gatcaggatc	tggatttctt	ttggggcaat	tattcagcta	180
accacatatt	ataatgagga	agcacttctt	gggaggcatc	ataatgcttg	tttttctttt	240
tcctaaatag	agtatcactt	ttacccaaat	ggaataactc	gctgggttat	tttactgagc	300
tcttgatgct	catttctttg	gtcttctctg	tgatgaatta	atgtttctat	atggacatca	360
tgacacaattt	ctttattcct	gaagaatatt	ttaaaatgnt	gttattttat	gttgtagttg	420
gtgtaatacg	gtgcccagta	tgcccgcaca	gaatgcagac	agatagacct	tgtggataat	480
tattttgtga	aagacacatc	tgaagctcct	agcagttctg	atgaaaaatc	agaacaggta	540
tgcttctcaa	tttttcttta	tattcctatc	ttgatatcaa	actgtaagta	taagaaaaac	600
atgtttggat	agttaagtca	tttaagggtg	ttctgctatg	gattcctggg	tcaaatagaa	660
agttaagat	agctttctta	tatactctca	aacttagttn	aatgagacta	aagctattac	720
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<210> 3720

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3720

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cacattcaca	cttgcaggcg	tgcaggtcgg	tggtgtttaca	cacattcaca	ctgttgcagg	120
cgtgcaggtc	ccgtgggtgt	acacacatgc	tggtgcaggc	gtgcaggtcg	gtgggtgttac	180
attcacactg	ttgcagggtg	gcagggttgg	gttacacaca	ttcacactgt	tgcaggcttg	240
caggtcggtg	gtgttacaca	cattcacact	tgcaggcgtg	caggtcagtg	gtgttacaca	300
cattcatgct	gttgcaggca	tgcaggtcgg	tagtgtttaca	cattcatgct	gttgcaggcg	360
tgcaggtcgg	tggtgtttgca	cattcatgct	gttgcaggca	tgcaggtcgg	tggtgtttaca	420
ttcacgctgt	tgcaggagta	caggtcagtg	gtgttacaca	cattcatgct	gntgtgcagc	480
tatcacttcc	atcttcagag	ccctttcatc	ttaaaactga	agctctccat	cacacaagtg	540
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ctcattgtgt	ggagtttctc	gtgtganntg	cagtnacaca	cgattggcct	tttttttttc	660
gttggtgaga	caaactttat	tctgccttca	atctgggggtg	tcanaatgag	accccatntn	720
aaaaaaaaaa	aaaaaaaaaa	aacttgagcc	ttt			753

<210> 3721

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3721

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gaggcaggtc	ccctcccaca	tctaateccac	cactaaggcc	tgcttcttaa	tagctcttgt	120
tcggcttttg	ttgagacagg	gttttgctct	gccgcctagg	ctggagtgca	gtggcgatgat	180
cactgcagcc	tccaactcct	gggatcaagc	agtcctcctg	ccttggcctt	ccaaagtgtc	240
gggattacag	gcgtgagcca	ctgtgcctag	cctgaatagc	tcttaaactc	atccactttt	300
cttcctctcg	acacctgaca	ccctagtcct	gctgccctct	tctccacctg	gacaacctcg	360
cccacccccca	agttggtttc	ccctcatcta	ctcttgcttc	ctttcagtct	atcttctgtc	420
ctgaggtcag	aataatttgt	taaaaatata	aatgggggtca	agaatgagtt	ggggatggag	480
ctganctaga	gatgggttgg	gttgggggtg	ggacttggat	aangcatgga	attgggggttc	540
aactgatgta	aaagntaaga	ataggattgg	gatgatgatg	aagggttgaa	tggggatggc	600
ttgggggttg	ggggatgggc	aanggcttgc	ctactnacca	naatttgccc	tggttgacaca	660
aagttttaac	ccacacccaa	cctncgntaa	nggctggggg	aacnttnaag	ccantccgaa	720
tagcttaang	ggccctgttg	ggcnncttct	gaanggggta	ccagtttttt	ttcct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

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cngnnnctng ttctttttgc aggatccctc gattcgtttt tttttagaac gtgggtcttgt      60
ctctatcctc tggacactgc agcgtacgag taacaacagg tcttgcaggc taaataaactt      120
ataaacaaaa ttctcttcct gaggagctag gtattccgat gtatcttcaa catagtccctg      180
aagttcatat ggcaatcgtc cttttggctt ctgaaatgca gaaggccatc cagatttcgg      240
ccaactagag gagtctgaag gaccagacaa ttgctcagaa acagaaggct gtttagaatt      300
ttctaaattc attaagggca attctggtag ttttctggaa attggcttta agagctcatc      360
ctgcattttt aaaatctctc caactggatc aaatttttta tatactcggt tgatagggtt      420
ttttaaaaca catgactctt caggactaca agcagtatta gtctggtttc ctacagaagc      480
ctgtcctgag gaagaatttg gactagctgg tctggaactt aagttagaac ccacaacagc      540
tgtctttcca tcaactattat ttttacattc tgnatcaatg attaaacact cctcatctgt      600
atcactgctg cagagaactg tatcttcagt ttttgctgct tctgatccaa cagtcttttc      660
ctttgagttg gctanggttt ctagaacatt aggnctttca ccatcagcat gtaatatatc      720
tatagncata tcattttatt agaagttcaa tttcttgaaa t                                761

```

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

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ttgcaaanne cctgtttcna atnnnaggc tactcgttct ttttgcaggg atcccatcga      60
ttcgtctaaa ttcattgntt atatttatat atgtccttaa tcttcaactca cattggccct      120
acaggtagat tcattgctca ctgtcagttc tcttgctgaa gttttcctat ttttctcttg      180
atgtgctgaa attccttctc cagtagttta atcaaaaggg actaaatgaa aaaaaaaata      240
ttcagttggt gcaagttcaa aaagggtttt agtctttgtg tttgattgac agctttccag      300
catataaaat tcttaggcca cactttcttt ccttgagaac ttcacagatg tcacttctgg      360
ctctagagtt aaatgcccct gtgggaaaaa cttgagctaa cttctatttt ggtacccttt      420
atgaattgat gntttcactt gactgnccaa agtctttttt atttaactgg ttcccccttt      480
cttttatatt ttaagtctag ttacttttca tagaaattac ccttggtatt gacagatttt      540
tgn cattttt ccccaaagac atgggtgtgc ctttcagttc gtagatttat cttcttttac      600
ttcaagaaaa ttttcttgga atgatattt taaatattta tgttccccta tttgagtttt      660
ctattctggg gatatatgat gggtccttg nagancttnc aaatctgnaa tttctctgna      720
atctctttac accggtcatt tcaatttcct ttgctcactt tctcatctt ggtctcaggg      780

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<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

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gtgnntnnnn nntttnnncn aaggaaactt ttgcnanttn ccctttttgc aggatcccat      60
cgattcgaat tcggcacgag cctagttaaa tcacaacaag ttagtaatnn ataaatgatg      120
tgtcctgttt ctcttttagta gaaattatat ttttggctac cagttaagaa acttgtctcc      180
ttgtccctt atgttactat aaactcaaga tgatgagttt tgtgggtatt gacttcatag      240
gcaaaatcaa aatttttact ttgttgctat tctgttttat gaaataaact tctgtctatg      300

```

catttgaact	aagtttcagc	aaattcaatc	taaattgaat	aattccagct	cccagtttta	360
tcctatgttg	ctcataaaac	agttccaagt	atactgcatt	atcttgagat	ttgaagatat	420
ggtgcccacg	gggattatac	taggcaaagt	cggttaagcag	ctctggccta	ggtgtttgtg	480
attttaagag	actctatctt	aggagagctt	aagtgattgg	gctgcaggaa	gaagacattg	540
taaccacagga	attaaaaaatg	gattcagatt	gcctgatttt	aacactttag	tttcaccata	600
ggctaattat	gtgacattgg	gcaagagaca	taattcttct	gtccttagtt	ctacatttgg	660
aaaatagaga	tgatttggga	acttattaat	aagatttttg	tgagagataa	ataaacaat	720
ncttttgnaa	aaaaaaaaaa	aaaaactcga	gccttagaac	tntgnggg		768

<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 3725

gtncnatnng	tgntantnng	cgncettggcc	taaananata	ggntngggcg	tgattctgga	60
acagagtgc	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	caattacatc	120
atgtgctcta	ctatatcttc	ctgtgtattc	aaaagtatct	ttttgaaaat	ggaagggtag	180
atgacatttt	ctccgatctt	tattatgttc	gggtcacgga	gtggctacat	gaagttctga	240
aggatgttca	gcccggggtc	actccacttg	gctatgtctt	gcccagccac	gtgactgagg	300
agatgctatg	ggagtgcag	cagcttgggg	ctcactcccc	ctccaccttg	ctgaccaccc	360
tcattgttct	taataccaag	taagtgttct	agaggctcca	ctgctggcat	ctgtccagtg	420
aagagtgttg	aagctatcca	agaggccttc	tgaattcctc	tgacatatat	ttgagaaagg	480
gcttggactg	tgaaaagaaa	tgtggccccct	ttccatcttc	aagagagatg	gaattaatga	540
tggatggacc	ctggagggaa	tctccccagc	ccgactttca	ctgggctgac	agacttttgc	600
gaccacaggg	gaacnatgtt	cntttctttt	cttcatgatc	agacntaaac	ctagcntcnt	660
taatggaaga	aaaatgaagg	gggaacttca	attatgantt	attcaacgac	caantttnta	720
ttacncccc	ccttttatga	ccaagntgac	catttnnnat	gttanngtta	aaaaaccttt	780
cccttgcct	tnt					793

<210> 3726

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3726

gnnnnttnnn	nnnnnnnnnt	tttnannata	cagctcttgt	tctttttgca	ggatcccatc	60
gattcgctga	caagtctgaa	atacatattg	gagcctggta	gactgaaaac	tcaagcaaga	120
gttgatgtta	aagtcttcag	tctgaaattt	gtagggcagg	agattaggct	ggaaactcag	180
gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaat	ctccattttt	240
ttctcttaaa	gccttggatg	agccttggat	gattggatga	ggactaccca	cattatctag	300
ggtaatctcc	tttgcttaaa	gtaaaactcac	tgtgttaatc	acatcaacaa	aataccttca	360
cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	ataaaattac	420
tatcattata	ctttttctta	tcacataact	ctaccttggga	agggatattt	cccagttggg	480
atagctacaa	aacagaggca	gatcatttag	cctgcatttg	atttgtagtg	aaaaataagc	540
ctttggtgtg	tttaaccact	gaaatgttgc	ggtttattag	tatagcacia	cttatectat	600

actggccaac	atagatgctt	tcggttgcaa	gtaacagatc	cccttacagt	ttacaaaaaa	660
aaaaaaaaaa	actcgagcct	tagactatag	nagtcgattc	gtagatccag	acatgataga	720
tcattgatgag	tttggacaac	cacacttgat	gcagtgaaaa			760

<210> 3727

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3727

aaacgcttgg	nnnnnnnnnn	nccttttttng	gatacagntt	ctangacaan	agctacttgt	60
tcttttttga	ggatcccatc	gattcgaatt	cggcacgaga	ctttttttaac	gaatggggga	120
agggatctat	gagaaaaggtg	gtatctaatt	tttttatgga	ccataaaggt	ttaaaagaaa	180
ataggggcac	aggctgttga	ggttttttatg	ttgttataga	ccttttttaaa	ttatgttaga	240
gatgtntata	ggnattttaa	ggtcactggg	agcgtttctg	attcccggcc	acactttgca	300
tttcaacact	cagcccggaa	agatgctcgt	tcggntgttg	gacctctttc	actccctgcg	360
tgtagaagg	tgaatcacgt	gggaaaaagt	gaccccttagc	aacgtgccag	gacacttcct	420
gtgtgcctgc	agttgtcang	gaccattttg	gatcccgaa	ctcattctct	aaaactgctt	480
tcttgaaaca	tgttacttcc	ttagtataat	caatgtatac	tcccttactg	gcctgaaacg	540
ttgtatagct	acttattcag	atactgaaga	ccaacggact	gaanaaaaga	acaaacatta	600
gctattttat	gctgcaagaa	ccaggacaca	caattcgcca	atcatccac	catataacct	660
tcgattggng	cttctcaact	ccaccccata	atttcttcca	gagaccatct	atcanccttt	720
ccccaaagaa	gaaacaaaac	cngttgcacc	ttaaaccatg	gatatttttt	cctcangggc	780

<210> 3728

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3728

tnggcnnnnn	gnnnnnnnnt	ttnnntatac	agtaacngaag	ctcttttgnaa	tnncnctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagatatgct	gaggtcctgg	cctccagtag	120
nttagaatgt	gactgtattt	ggagatggag	atacagcctt	caaagagggtg	agtaagttaa	180
actgagggtt	ttaagatggg	cccgcaacca	atctcaccgg	catccttaga	agaaaaggag	240
ttggagacac	agagagagag	gctagacaca	ggcacacgtg	aagggaacgt	caggggaagc	300
ggcagcgaga	gggtgctgtc	tacagccaca	gagaggcccc	tgaggagacc	aacgtgccg	360
gcaccatgat	actggactga	cttaccgnct	ccagaactgt	cgaaaagaca	tttctgttgn	420
ttaacaaaat	agcagtctgt	agtacttctg	tctggcagcc	caagcagact	aatgtatagg	480
gcattagatt	gggcgtaagt	aaaatataaa	ggaacttaag	tattgaatag	tgcagggtgt	540
gtgaggagg	atacattgng	ttntgntatt	ggtcatacag	agctagctgn	tacctgaggc	600
ttcacaatgt	aggntctact	ctaattgctg	tgcttaaaaa	accccaggcc	gggcatgggg	660
tggctcacgc	ctgtaatccc	agcactttag	gaagccgang	cgggcggatc	acgagggtcan	720
ganggcnaga	tcaacctggc	caacatggng	aaacctgtgc	tntactnaaa	anac	774

<210> 3729

<211> 779

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3729
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 tctgcagatc ccategatc gcgaggccag ttccaggccc actttttgcc ctgtgagccc 120
 cctgcattnc tggntntncc ttttncaggc tgctnctcng tggagcttct ctatttnacn 180
 tctactactg tatccatgnc tntagnnggn cctntcagtg atgtngctta tntccccaat 240
 gacactgatg ggagctnctt aagaacangc tgtntacgga caaggatgtg aagtgggtaca 300
 agggaaaagt angccgntta ggacctgtgg gtgtgtcatg actgtgcttg tatctcttgn 360
 tagctttgtg gccttaggtt caatgctgac cctttctgag gctcaagttt ccttatcttt 420
 aaaataggta ttaaaggaag taatccggtc catacctgag cctgggtatg cctcctccc 480
 ggacgttcct gttttctgat cgtcttcagc acagacatga gtaaagtgc aatgaccagt 540
 cctgtgactt actgagggca aggtgttcca attcagattg tatactgata attacacagg 600
 gaaataagag aaganacaag ttanaagcct gnagattata gatgtttttg aagaatacat 660
 tnttttgcac taataaatgt gaccagtttt taaaaagttt tcagtattag aggaaatagc 720
 cacccccata ctactctac tactgcaatt actatttagc aatttttatt ntttctttn 779

<210> 3730
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3730
 gnnnttnnat nccccncttg caaanctnng gctacttggt ctttttgcag gacccatcga 60
 ttcgaattcg gcacgagccg gacagagagc gcaggagccg cggtagcccg gcttcgtgct 120
 ggggctggat gtgnggcagt tctgtgatcc gctgccacgt ctatgaccgg gcggcgcnng 180
 gtctgctggg tccagcgtgc anaaggtaga aaatctttat cctcaaattg gctgggtaga 240
 aattgatcct gatgttcttt ggattcaatt tggtgccgta ataaaagaag cagtcaaagc 300
 tgcaggaata cagatgaatc aaattgttgg tcttggcatt tcaacacaga gagcaacttt 360
 tattacgtgg aacaagaaaa caggaaatca ttttcacaac ttataagtt ggcaagactt 420
 aagagctgtt gaacttgtaa aatcttgtaa taattctctt cttatgaagt agagacaggg 480
 tttcatcatg ttggtcaggt tgggtcttgaa ctctagcct cacgtgatcc gccacctcag 540
 cctccaaaat gctggtatta caggttcatg catccaggag catatgcaag atactgaaca 600
 gttccgcact acaaagatct cttgngttgg tcttctgtaa ctatatctac cactctncta 660
 tacacctcct acctctctc attcctagct cctggcaacc actaatctgt cctccattta 720
 aaaaatgttc taatttgaaa aatgtatatt catagga 757

<210> 3731
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

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gaagcaagct tctgagttat gaaagcctgg gttcaggaga ctaacctata tgtaggttcc      180
taggaaagtc cagttaaagg gcctactttg ccactgctgc ctcttcttta atgctgaacc      240
tcctctccca caagggggca gtctcagcag gtgtcagctg agccatgtgt catctgtcca      300
ggctaactgc ccacacatcc ttctgcaaag ggtacctctt gggtatcagt gctcactgat      360
ccctatataa tcagactcta atccctgtaa aaagattact tgggtgctagc caagctagca      420
cctttgggtc ttcccaaaca tacaccacta atccagactc taataacttc atttcttcta      480
aattacaaga tcagagctga aataggcctt agaaagctag tctgggctgg ggcgaatggc      540
tcaagggagg cggaggttgc agtgagccaa agactgcgcc actgcactcc agcctgggca      600
acagagcang acttcatctt gcaaaaaaat aaattanatn aattaaaaat ntgaacctat      660
atgggatttta acctcttctt ctcaattaaa agttatttta aaaaaaatgg caaaaaana      720
nnanngnnaa naaaaaaaaa cttcngaccc ttttnaaact nttangnggg gtccnnattt      780
accggtagaa tccnagnn                                     798

```

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

```

ggnnnttnna annccntnnt tgcaaatcgc naggctactc gttctttntg caggatccca      60
tcgattcgaa ttcggcacga gnaatcaata tttttcaata gaagtattag aggttttttt      120
tattgatata aaaataacaa ttacagatcc tgatatatag aagttattca aaattataca      180
gttttcaaaa aatcaagaca agtaggcccc atacaaacta ctgaatcatc ttctaatttc      240
cctctaaaat atttatagaa atatgtaagt agaaaaacat tcctccttct ctcgtctaata      300
tatgatcctg ccatattcca ggcacaagag aaagctctgg ggcttgagtc ttaatagggc      360
tgatagtcca accaggggac agggatatcat aaagagataa ttcaaaactt taagattgga      420
gggtaggtga tggtagaaaa ttctgcggca aacatttggt gatgctcatc atttgttgat      480
gtcatcaaaag atcaccaggg cataattata atcaaaaatta gttttattga tgcttgctgc      540
agcaagagag actgcacacc actggggtct atgggtgctt ctcatgaggga aggtgtaagg      600
aggggcttgc taagaatttg agcacatgta gctaatttta aggagggctc aagttagcca      660
agggtttctt ctggattgag tgctgtccag aaagtggatt gagtgctgca gaaagtggga      720
gtgattttgc actggggganc ttaattttta tggtgtgggt gggang                          766

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<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3733

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aaatcnncag ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagggga      60
aaactgctaa attaaaatac tacacattac ggaaactgtg gagctgcctc aatgatagaa      120

```


tgtttaggtct	gttttttgttg	tcttctgcct	atgtctcttg	acttgtagtt	tcttttgttt	180
caaatacactc	tgccctcgta	tatactttgg	ttagactact	tttggtgaag	cactctccaa	240
tagaagaaca	taatgtggtg	tcaattgtgt	agggatcgcc	caagcgttgt	ctagcatttc	300
tgctccccag	cagaagccat	tttatccagc	cagagttgtc	cttcacagtt	ctagcatagt	360
ctaaactcat	tttctcattg	ttcatattct	ttctctccca	cccactctgt	cttccctggc	420
aattcaagtt	aaattccatc	tctcttcttt	gagttgctcc	cctgaagtaa	gatttctgtt	480
tcttctggca	ttttacctct	aaatttatca	ataacatggt	tattctgctg	ttcttaatgt	540
cgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	agtgatttta	atcttctctt	gaatttagaa	600
gatgagaatt	tagtctttct	cctttcccca	ttctacatt	actcctaaat	tgaatcttta	660
atataaaatc	atztatttta	gtttccagtg	tcatacataat	tttacctttt	ttctactcag	720
gactataatt	cccagca					737

<210> 3734

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3734

aaatcnnnag	gctactngtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
tnaatnntng	tttganatca	tgcccn gatn	ngacntcaag	cnatnaagga	actgcctnaa	120
tttgccactg	gagaaaaatct	tcctcgagtg	gcagatntac	taacncagct	tttgcnnacn	180
ggtaagggat	attatnnnta	ccttttntct	taaatatnta	tentctttct	naaatgttga	240
ctctggattt	aggttnnaaa	tgggggtgcag	ganagctgga	ggncctncct	ctgatngaga	300
ntaaatcccc	tactntcatt	cagacgnata	agngaaatga	ttntctggtta	tctaattncct	360
ggngntgttt	tggatntaat	accctcntga	aggngnaatg	actanattct	tntgggcatn	420
tnagatgtnt	nntaatntnt	cncccnatnn	nctgnagtat	cataatcgna	gcattcttaat	480
gaaagttttc	aggcatgcca	gatcnggatc	tcaancttac	aangaacacg	tatctntgtg	540
ggcttgaggg	aatggcttag	ntgataagca	tcctgtcaat	gtaacctnga	taaactnagt	600
agnntnacgt	tgnaaaactg	angcanntga	tattcaaant	agnaacntat	tcattgtgccc	660
nctntttctt	tactccanat	gactcttgca	naattgaacc	nagtggacaa	cgccctatta	720
agggtgtccc	ananggatgc	caa				743

<210> 3735

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3735

anantacan	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
tcagtgttgt	aattccctat	tctagcactc	tcaaaagtac	cccattctgtt	acacatgcag	120
aaactgcagc	agcatctgaa	atgtccactt	cttgattcat	tctgaactcc	cttaagccca	180
gtgtttgtta	gttctcgttc	aagtctagga	actctgccga	gtaacaggta	tctcaatttt	240
gccatccttt	ctttctgcat	agacaggagt	gttcttaaat	cttctcctgt	aaagcaagtc	300
atctctgatt	tccttgagga	tcattgctcc	cgtatactgt	tgttgggggtg	agccttcttg	360
tagaggggaa	gagaattttg	tactagggtt	gatagtcaag	ttactaaggt	tcttttatcaa	420
catctcagag	cagaagtttt	gagaggcccc	tgaatcgtcc	tgggaatttt	cttcagttag	480

cattttttgaa	gactgggacc	aggggttgat	taaacttttg	tgatgggtcc	attgtgtctc	540
aacacaacac	tgagcttctc	ctggatcttt	gaaacccagc	agaaactgtt	gctggactct	600
caaattgcc	caaggtagac	cagaaaagagc	ctgaaaaccc	gaactccaac	catctttttc	660
tttccttttt	aatgcagaca	tgggtgtgct	atgttgagc	gagcccgaga	tcgcaccact	720
acactccacc	tggcgacaga	gcg				743

<210> 3736

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3736

aaatcgctng	gctactcggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
aagcaatgtg	ggaaagcctt	cagatctgcc	tcaatccttc	aaatgcatgc	tgggactcac	120
cctgaagaga	agccctacga	gtgtaagcaa	tgtgggaaag	ccttcagatc	tgccccacac	180
cttcgaatcc	atggtagaac	tcacactgga	gagaaaccct	atgagtgtaa	ggaatgtggg	240
aaagccttca	gatctgcca	gaaccttoga	attcatgaaa	ggacacaaac	acacgtaaga	300
atgcactctg	tagaaagacc	ttataaatgt	aagatatgtg	ggaaaggcct	ttattctgcc	360
aagtcatttc	aaatacatga	aaaatcttac	actggagaga	aaccctatga	gtgtaagcaa	420
tgtgggaaag	cctttatttc	tttcacttct	tttcgataac	atgaaaggac	tcacactgga	480
gagaaaccct	atgagtgtaa	gcaatgtgga	aaaaccttca	gatctacctc	acaccttcga	540
aaacatggta	ggactcacac	tgatagaaaa	ccaaagcagg	tgaatcacct	gaggtcagga	600
gttcaagact	ggcctgatca	atatgatgaa	acccctgtct	cttctaaaac	tacaaaaaatt	660
tggccaggcg	tgggtggcctg	gcttctgnaa	tcctagctag	ttgggaaggc	tggcacagga	720
gaatcgcttg	gatcttgggg	ggcanagg				748

<210> 3737

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 3737

ggnnntttcaa	anccgnnttc	aaancnagct	cttgttcttt	ttgcaggatc	cctcgattcg	60
aattcgggcac	gaggtttttt	aaagaacttg	ataaattttac	cttaaaattt	aaataaagta	120
tactgaataa	ctaagtcaac	ttagaaaaaa	aaaagtgtta	tctaagacaa	gttacaaagc	180
catcaccaaa	gcccattgatc	cggcagacga	ctacaagcat	agggtcagat	ccatctataa	240
atgagagcct	gacatacttc	atctatagca	aacatgggag	acaaatcagt	ggtaaaatga	300
tacagtgttt	gggaagtgtt	atgtgaaaga	tgggcttatt	taatgtatac	agatgaactc	360
aattcctctg	taatagaaac	ttgttctcca	gagagattat	agatctaaat	gcaatgaaga	420
aaataccact	ataaattttag	tactctttat	tgtaattatc	cccaatgggt	atttttactt	480
tctcacttct	tagatgattt	tccaagtttg	tctagtatct	gagttaaaac	aaaattttta	540
actttcttat	aaaacatagc	gtgcccccat	tttagttcat	tttctacata	gaaataaata	600
aaacacttag	ataacagttc	agaaatagtt	aattaaatat	atcccagatt	ccccacgatc	660
tggaaaaaatt	atatcttcaa	aatacttctg	tctgggtggat	atgtgtcttc	taaaaaaaaa	720
aannnnnnna	aaaaaaaaaa	cttcggnocct	ntagaacttt	agggngtc		768

<210> 3738
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3738

gnnnnnnnnnn	tttnnnnnntt	tgaanccctt	tgtctctngnt	ctttttgcag	gatcccatcg	60
attcgtgacg	agcgactgta	gacgttgcca	gcatgtattg	atcaggagca	gcctgtgagt	120
caagactgac	aacagatcaa	taaattggctt	ttaaaaagca	aaaccctca	agctgtttat	180
ctaggaagcc	tgacaaaccc	tgcccgcagt	ggtgtggccc	catgtgtccc	cagggcctgg	240
ggcccacctc	tgcccagaa	gtcctcttag	tgtctgtaga	caggtcccat	ttccaccagg	300
tcaaccaggg	ctgtggcagt	ggacctggat	ggcaggcaga	gcagaggacc	gctgttctat	360
ttgttgaagc	aacgaggcac	agtgactggt	ctagcacagc	tggtctgtgag	aaatggcgat	420
gatggatcca	ctttagatcc	gaagtcttag	caaactcagg	cctcttttcc	acagagaatg	480
ttgtgaagac	ctgggaatga	gctgttgatg	tgcattttta	ggatgacagc	ataatggaga	540
aaattggaag	tagcatatgc	caaagtatga	agtgttcaca	cagctccctt	gggttggtga	600
tttatgggaa	gcttttttct	cctttatact	tttatctact	ttctaaatct	gtcaatatgc	660
ttngtcttc	tatgaacaag	aaagaaaagt	ttaaaaaaa	annnnnnnnn	nnnnnnnnnn	720
naaaaaaact	ngagccttta	aactntnggg	gncgnttacc	taaatccann		770

<210> 3739
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3739

ggnnnnnnnnn	nnttngggca	nanggaaacc	cntangcaan	cnactganag	aacccttggg	60
aaggacccca	ncgaancgaa	ngcggcacga	gacanacagn	nnannantta	cacaccgggg	120
ntggnggang	aataangagg	annnaangag	cccctnccg	aggnggccn	aagncngcag	180
aagacaaaga	ncnggncc	aggccangaa	aggactgaag	naaananngn	aaanaagnac	240
agcngaccct	ngaacaacan	ggagggnagg	ggnnacgnng	aaaancngca	tgnaagngga	300
ccngngcagn	ccaaaccnga	gngnaacngc	ngaatnaaag	gggcnnccnn	cngcncanag	360
anagnaccca	natnnacaaa	catgctagag	aaaagcaacn	ggggnaaaac	nngccccac	420
tagagaaaang	gacaggaggg	annaagncac	nnggaaagan	aganagcaga	actaagcnng	480
gnaaaagccc	angaaagggn	gganacnana	aagnagccaa	aacnacncna	gcaaagcann	540
naaaggcaga	aaacnggggc	aanagnaacn	aacncngggg	gccaccnaaa	aannncanaa	600
cagggnaaga	ancacannnn	nnacancang	caaaccancc	nnacagaggg	agcnnaccnn	660
gggaagagcn	nnnaaanggn	acaggncann	nnagaagagn	aanaccnnca	ggcaaaaangg	720
gaccaaggg	acanagaaan	acaaannngg	nnnnncacac	acngaaaaaa	anngaagcaa	780
aac						783

<210> 3740
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3740
 ttatanatac agctcttggt ctttttgcag gatcccatcg attcgtttta acagtgtgcc 60
 tttggggagg gacccatgtc catggcttcg ttgagggccca tccatatgcc agctgggggc 120
 cagcccacag tggccatatt ggctgcagca ggaatggtgc ccacctcggc gaattgaagg 180
 gctaagagtc ccagatagct aggccagagc tggaaagcaga cagtaagggg aagagctgct 240
 cccacaggag agggagagat tccagctcac tgcgcagcct gggaggaggc gtggatcctg 300
 gcacgctgag cctcaggcac cagcctccct gtgctcgaca gcaaagtctt gactccttcc 360
 tgctgagcac tgtgctacct tctactgctcc aaagccagac taacagctct ccaagccctt 420
 ggggtgactc ggcttccagg agctgttgga gaaatgagga tgtctgtccc tgtctgctg 480
 ggcaggccag attcctcccc agcagccggg tctctccaga ccctgattcg gtgcctttct 540
 gtttaccagc tacttcaatc ccaaagtttg aatctgcaga taccttactc ccagccactt 600
 tgccttctta ctgtgttggtg tgtttttcct ggtgcttcaa gancgtgtgc anggcaaaagt 660
 gcccgtcact gggaactgca ccagatgctc agacttggtt gnettatgtt taccaataaaa 720
 taaaagtaga ctttttctaa aaaaaaaaaa aaaaaa 756

<210> 3741
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3741
 tnaatataca gctcttggtc tttttgcagg atccctcgat tcgaattcgg caccagactc 60
 tctctacaac tgacagagta aatagacaaa aaatgtatgg gggatatgga atattttatc 120
 aacacaagta aaaagcttga tctaacaggt ggggtgggccca ttctancnac cannngaccn 180
 gnatntaaan cnatnangn tncatccana ttcattgttg cntntnnnt antgatntct 240
 gtntnanttn tcanntntac antnnanenn tnntnnnacn naacagncac tannaggtcn 300
 annnagctnn aattnannc tntnanncn tnnctcnnt nantntnnnt nntntnncn 360
 anactntnc antatnatan ngnatcntnt actntntntn nnnnantanc nnnnnanngn 420
 ntntntnta ctanngncc tanttnannn atcnntntnt ntacatctnt nctactnatn 480
 atnnncannt natatatnt nntnnnatna aaggantnt ntncnnantn cntnnnnana 540
 natnctnatn nncctannn nntnannttn nnnnaanana tnnnancnt tannnnnnnn 600
 nnnnannttt annnnnnnnt nntntntnn ntntntnnnn nnnnnnaaan nggnanannn 660
 nnttnnnnca attntntnnn annnnnnnnn ttannnnnnn antannnnat nntnnnnnna 720
 ntnannaant ttnannttna n 741

<210> 3742
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3742

atacagctct	tgttctttt	gcaggatccc	atcgattcga	attcggcaag	aggaccacct	60
acggaaaact	gaggcccaca	taagctcgat	tggttggtacc	tccaacagat	atttattaag	120
cacctactaa	atactgagcc	cattgcaagc	accagggaag	cctctgtgaa	cagcacaagg	180
tccctgctct	ggagattctg	cttcagtggg	ggagacagaa	aataaacagt	ttcccgtcac	240
caattttcct	tgggaattgga	cagatggcag	ccaccataat	gatactatat	gtgtccaagc	300
taaacaaaat	cattcacttc	cctgattttg	ataagaaaat	tcctgtaaag	ctgtttcctc	360
tgcctctcct	ctacgttgga	aaccacataa	gtggattatc	aagcacaagt	aaattaagcc	420
taccgatgtt	caccgtgctc	aggaaattca	ccattccact	taccttactt	ctggaaaacca	480
tcatacttgg	gaagcagtat	tcaactcaaca	tcactcctcag	tgncctttgcc	attattctcg	540
gggctttcat	agcagctggg	tctgaccttg	cttttaactt	agaangctat	atttttggat	600
tcctgaatga	tatcttcaca	gcagcaaagt	gagttttatac	caaacagaaa	atggccccaa	660
ggactagggg	aatacgggta	cttttctaca	atgnctgctt	catgaatatc	caactcttat	720
tantagnct	tcactggaga	actgc				745

<210> 3743
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

tnagatcagc	tcttgttctt	tttgcaggat	ccctcgattc	ggtacaactc	ttaaagcttt	60
ctacatttta	catatacagt	catctctcag	catcccgagg	aagattgggt	ccaggatggg	120
ctcaaggtcc	tgatataaaa	ttgcgtagta	tttgtatata	acctatgtac	atcttctcgt	180
attctttaat	ctctagatta	cttataatac	ctgatactat	gtagatgcta	tgtaaataat	240
tgttatactg	tattattttc	aaattgtttt	attgctatct	ttattgcttt	tccttgaat	300
atttttaatc	cacagtaggc	ggatgcagaa	cctctttata	cggagggctc	actgtgtagg	360
agttagctag	tttcagttaa	agcagcgggt	gttggtactc	atctctcacc	tgccccacg	420
tagtgtagct	agggcatcag	ggagtactga	tctctggcat	catctgggat	caacaggatt	480
ttcctgcctc	acaggcctgt	gagcacatta	gaaatacacc	tgctcagctc	aagtcaaagt	540
gagaagcttt	tgaatggagt	gataaccgag	taggcagtat	ctaaataaag	atgattgggt	600
caagtctcag	tggacaaatg	tgtaccgttc	tattactgnt	gactgtgact	ttgaagtata	660
tggngttcat	taagcaaatc	caatctgatc	gtatgaaaag	agcaccccaa	aaacccaaat	720
gaaaccattt	atcaggactt	ttgnagctat	gaaa			754

<210> 3744
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

tnagatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagctttc	60
tctggcagtg	attcctgaag	ggaaaatcat	gaacaacacc	tactaccagg	aatgcctctt	120
ctacctgcac	aactatagca	ccaacctggc	catcatcagc	ttctacgtga	ggcacagctg	180
cctgcgggaa	gctcttctgc	accttctcaa	caaggtggga	catggacaca	gctcaaaaag	240
gcagtgcctg	ccttactcct	ctggcttgga	ccactcagcc	ttaagcggga	caataacccc	300
ctgacactta	accctgtgtt	gagctatggg	gccatctcta	gcagagtcaa	gtcaaaaacag	360

```

gggactctgc acaactgtta ttcagtgagt gtgaaaagtc ttagcctaga tcccaaatca 420
ctgcccctcac cagcaaaggc atgttttcatt ccttctgccaa aaacatgcag cagaatcgga 480
tagtggttaa gagcatgtct ctggaatgag atgctcagtg tgagtcttgt gtggccttgg 540
gcatattgct tagagtctgc ttccacgcgc ctccttacct ggccctgggat ggtgtccagc 600
ttctgaccca nctgctgggc cattcagagt tgttactaca agggccagga agtaaccatg 660
gtgcaaatcc tatagttgaa ccccaaatag atgatgaaag aagaaaaann nnnaaaaaaa 720
aactcgagcc tntaaaacta tagtgagtcg tt 752

```

```

<210> 3745
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

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<400> 3745
gnnnnnnnnn ttngnnntnt gaagccttta ntganttccc ttttttgcag gatcccatcg 60
attcgacgca tccacatgac aggcggcgcc gaagggatcc tgcccctgac tttcatnagc 120
tgttgaacca tctggaattc acaggcctgt catgagagac acgatgagaa gtccttaaag 180
gtagatcact gattcacagg ggagcaggcg gaggcaaggg tgagtcaagt cttggaactc 240
agtcattccag atttggtctt ggaaacttct gaagctgtag cctttgggga tccctgactg 300
cgagtacagg aagccaacgc tatgtggtct tctggaaact cattatcttt ttcactggtg 360
ctatctggga aaaacagatg aaaacctgaa ggtgttctgt atgtgtgctt tcaaaagcaa 420
ggatctggcc ggacgcagtg gctcaggcct gtaatcccag cactttggga ggccgaggca 480
ggaggatcac ctgaggtcag gagtttgaga ccagcttggc caacatggcg aaaccatctc 540
tactaaaagt caaaaattat ctgggtgttg tgggtgggcac ctgtaatcac agctactcaa 600
gtagctgagg cagaagaatc agttgaaccc aggaggcana ggttgcantg agcagagatc 660
acaccactgn acttcaacct gggtgacaag aatgaaactc cgtctcaaaa aaaaaaaaaa 720
aaaaactcga cctttaaaact atagtgagtc gtattacgta natccagann 770

```

```

<210> 3746
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

```

```

<400> 3746
gnnnnttnnn nnnnnnnntt ttznaatagn nagctacttg ttctttttgc agggatccca 60
tcgattcgaa ttcggcacga ggctatgtgt tctgactttg ttgattcaaa taagtaagct 120
aaatcaattt aagccattaa taggtttata aagttatttg ctatgtgttg ttcttacatc 180
attgattcat gtaagtagac ttgtgtgaca gctaattctt aaaaaattat gaagatgtta 240
gacttctttt gatatatata tggtgattgt atgaacagat tgacatcaat atacttattc 300
attataaaaag atttgagtgg gaactcacca aatcccacac caaaaaaatt taaaatttta 360
ccatagtaaa aaaaactaaa aagcaagatg aaattataca tagttcttgg tgtagtattt 420
ttaattttta ttattttatt ttatagaaat ggggtctcac cattttgcca ggctgttctc 480
aaactcctgg cctcagggtg tccgcctgcc tcgacctccc aaagagccag gattataggc 540
atgagctacc atgccccggt agtgtagtat ttttaaattt tacttaatgc tgagccattt 600
tcaaataacc tcatcacatt gattatgacc tcatgcaaga accatctggt ctatctttca 660
gtgtagttgt ctttaatatc ttagaactat tgcattctgn ccttttttgg gaatgggtta 720

```

tgcttttaca gtcttaacca ttgcttctta atatcacttt ccgcggnaca actggg 776

```
<210> 3747
<211> 960
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(960)
<223> n = A,T,C or G
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<400> 3747						
tannnnnnccnn	nnnnnnnnnnn	nnnnnnnnnan	nnncnnnnnnc	nnacnnnnnag	gnncnnnnnnt	60
cnnnnnnnnnn	nnnnnnnnnnn	nnnnnnntcnn	nnnnntnnnnn	nnangtannt	nnnnntntnnn	120
nnnnnnannan	ngngngnnan	tttnccaaaa	taccnagtt	ttctaaaatn	ccttggggcnn	180
aatccgcac	tcgcngcaag	gcgaccncntc	gnattccgna	attcggcnac	gagggggcaag	240
gagtatngan	tttcattcag	gaattttntt	cangcaattt	natcaatctt	attcttgaat	300
tntattcacc	aataatggct	cgccatngan	gagtntaaag	tnaggaaaca	nnngctatcct	360
tattcacatt	ttgcaaagtt	cctccatggg	ctactatgat	gantaatcaa	ngncaangng	420
gaggtaanaa	gtgaactngg	ganactngtt	gaccaccnca	ctcaatcccn	cngatantgg	480
caccatntac	tnanggnnnn	acnnatcnnn	atnacattaa	gaggatgntt	acnccctgata	540
tgttgactgg	cttgttggaa	ggacctatag	ctggaacatg	cttcatttgc	caagaaaagga	600
gctacaggtn	aagagacact	agntnaccnt	atgatngccg	gnttccagcc	tggcataatg	660
gnganttgcn	nttgacntna	atagcatntc	ntgcnacaat	ngaactnnca	agatagaana	720
cgcaanngca	agggaaatcnt	tgcnttgctt	aacccttact	gactnaaang	gcctctcnta	780
ctncaaagaa	tttacaatc	cnngcttacca	tttatcaacn	ccaatgtctg	ttaccgtngg	840
tnaaccaccc	aannttgnt	ttaaaataaac	cacaangnt	ncnaaaaangc	cnaaactcnn	900
ancctntaga	actataagtn	nttcaagatc	cctatnatcc	atncttgata	aatanaacgnn	960

```
<210> 3748
<211> 758
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (758)
<223> n = A,T,C or G
```

<400> 3748						
ttnnnaatnn	ncantctctt	gttctttttt	cagggatccc	atcgattcga	attcggcacg	60
aggtgacaca	gagacagaga	aacctcccc	accagggaa	gcagctctgc	agagttggca	120
ggatcagggg	ctagtctgaa	cccctagcac	agaacactca	cctcacggaa	gagtggccag	180
aatgttttcc	acataggtcc	tggtcctcac	ttctcctcac	tgagcagggc	tgcccaacgt	240
gggacttctg	cacaaccatc	ctgcccctgc	ctgaccactt	caatcagagg	cagcctggca	300
gttaaaggaa	cacccacaca	cagaggtgaa	aaagaaccaa	ttcaagaact	ccagcaacac	360
aatgaccag	aatgtcttat	gtccttcaaa	tgattacact	acttctccaa	caaggttctt	420
aatcaagttg	agttggctaa	aatgacagaa	atagaattca	gaatatggat	aggaacacag	480
atgaccaaga	ttcaggagaa	tggcaaaacc	caatccaagg	aaactaagaa	taataataaa	540
atgatacaga	agcagaagaa	caaaatagcc	tatataaaaa	ataatataac	tgatctgata	600
gagatgaaaa	accaagctga	ggaaagaatc	ttggaactgg	aagactggct	ctgtgaaata	660
agacaggaaa	aaaaaaaaaa	gaannnnnna	aaaaaaaaac	tcgagccttt	agaactatag	720
tgagtcgtat	acgtagatcc	agacatgata	agatcctt			758

<210> 3749

<211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

<400> 3749

gnnntttnnnn	nngnnnnnttt	aaaatacagc	tcttggttctt	tttgcaggat	cccatcgatt	60
cgctgtagtc	ctattttgcc	atatgacatg	attgaaatca	acacctctta	gaaatagttt	120
tgctgcctca	taattgatta	ccatcatgat	aacctgtagt	cagtgtgaaa	tagagataaa	180
aattaatgta	cttagttaa	tgcataatgaa	ggctctaact	tggtccagag	ttactcttac	240
tggattattt	ttagattttt	attaacatta	ctggctctcta	actttactca	gtctggataa	300
gaaaaagaat	accatgcaat	tgttaactat	ttgatgttta	ctagattaac	tattaatata	360
ttgttgtggt	ccatatttaa	gagttacttt	gttactagag	atttcattat	agtgggtgtt	420
aatatagttt	tgggtatttt	taactaaaaa	tcattgttat	ccttcaactg	tagattctac	480
tatgaaatga	ggaaaaatca	gcaatagaat	taattgggtt	caaagtatat	aaataatgat	540
gtgggaaagg	gaagtcagag	ggtatctctg	gaagaactga	tttatctgaa	ggtaatactg	600
agtgaagaa	cctaagattg	tagacaaagc	atgctttatg	caattttgct	ggcatagta	660
gtagtagagg	ctctataaat	gtgttgggtg	tttttgggtt	taaagagaca	gtgtctcgct	720
atattgcccc	aggagtttaa	agctgcagtg	ccctgtggtt	gcacctgtga	a	771

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (766)
 <223> n = A,T,C or G

<400> 3750

tgnnngtttc	naatagnnag	ctcttggtct	ttttgcaggg	atcccatcga	ttcgaattcg	60
gcacgagggtg	aattcctcag	caccaagttg	tttaacacag	aagagagggtg	gaaacaaaaa	120
atgcttggtt	tttactggct	ttcttttagc	atttctgtct	agtcgaaatg	ggggccaggc	180
ttgcacacat	agacaactga	attaatgtaa	cgggacctat	tccatctagg	ctgacctctt	240
gaaagatagg	aggggaagtc	taaaacagga	gaaaagtttt	agaaatcctt	tggattaggc	300
ttaccagat	tagtggtag	taaaatatta	tgatattctt	agtgtttcag	gattatggat	360
tttagtaaaa	gcagaaaaaa	ataaattctt	gtttaactga	atctataatg	gcaccagtgg	420
tttggaacaa	tttctgagtt	acttgatttt	atgtgaaaaa	atctggaata	acttttcctt	480
ttttccttta	gaccattttt	cttttattta	acctaataccg	agccacttta	taccaatttc	540
aacaatatatt	ctgaattcct	gtgatctttt	atttcctttt	tgctgctttc	agctgtgttt	600
ctctccactc	taagctcatt	aaagttaaaa	aaaaaatagg	agattggacc	catttttttt	660
tctgaggagt	gtggccggtt	aacaccctgt	ggtggctcag	gatattttta	gtagtatttt	720
cagctttcta	gaantgggtg	ncttanttag	naaatagtta	tnggaa		766

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3751

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aggctncttg nnnnctantg aagcctttgc tactagctna gctcttggtc tttttgcagg      60
naccatcgga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat      120
aggggaaaaac aggtggaata atattgaaaa ttggatcaag aatatagggtg taggcgttag      180
ccatttttatc ctggggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg      240
aggcgaaagg aatgaatcca gcatgctctg tttagtgatg tagatgagat cacctgggaa      300
ggcatgaatg ggcggggcaga gtggggtagt gacttcagaa gagtaataag ggttgaaaag      360
cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttcct ttagaataat      420
taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta      480
cttatttggt gtacccacaa aatactatag gggctctgct actttctctt gaaagcatcc      540
ccttggtaat tattctttta tgtttctcta attgcatgct ngagaaagca tctgttagat      600
gcaactagtc ttttagacct gaacacctgc agatcttggt gatgcatgcc caagttcaga      660
aagctctgaa agaagttgct ttaaaganga taggcatggg cttttcagat acngaccttg      720
aatctgtagt ggttcctang tttccaatcc taacattacc cacttggtaa g              771

```

<210> 3752

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3752

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agtnnttnnt ttttgactcc ttgctggnet cttgttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgaggccaca tagcaatggg ntaactgcag gactcagggt cacttgccca      120
gcagctggca ggggaagggc atgaggcagt agagtcctta caggccaaga aactgagcag      180
aaccatgcc tccagctcac cagctgcatt gaagccccc gctggcaggg agactgctgt      240
gaatggacag ggtgagctca tccccctgaa gaacattgag ggagaattgt caagtgtat      300
tcacatgacc aaggatgcca ccaaggaggc tctacatgcc accatggacc tcaccaagga      360
agctgtgtcc ctgactaagg atgccttcag tttgggcaga gatcgaatga cctccaccat      420
gcacaagatg ttgtccctgc cccagccaa agtctggtcc agaactctgt ccacaggatc      480
tctttcaa atgtctcagata atgctggtgt tcaagggagc cctcttggtga ataattatgg      540
ccaggggtca ccagcagcca acagttcaat ttcaccagg ccctggaccg ccaaacagct      600
actcactgtc ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga      660
gactgtttgg cccggggccg agaagaagct tgctggcnaa ggggacgttc caacgaagag      720
accactgtcc ttcgagcagg anttaca              747

```

<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

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ggatgaacat ggcacatat gattagaaaa ccaaaattca tttttgatgg ctgttggtgn      60
cagatcgtgt cctctaaaaa ttatgtgctg gaaacttaat ttctagtgtt aacagtgccg      120

```

```

agaggtaggg gctttgggaa agtttaatgg attaatgccc acatataagg gcttggttga 180
gggaatttgg gctctttgtt gccccttcca tcctttctac catgtgagga cgccacactc 240
ctcccctttg gaagatgcag caaacaagggt gccatcttgg aagcaaagac taagctctta 300
ccacacatcg aacctgttgg tgccctgac ttggactccc agcctacaga actgtgagga 360
agttaagttt ctgttattta taaaattacc aagtntcagg tattgtgtna tagcaccata 420
aatggactaa anacaatgcc aaaggtggca cttgccatan aactgctgcc gatgatatca 480
actctttgct ttccagagtt aaagctttgg attctgatgg gggttgattct cttttgtgtn 540
ggacccttgt actggttnct attataatag ttcttttcta atntttaagc cgggcccna 600
tggtcatgc ctttaatccc agcactttgg ggaaggccaa ggccnggcn attcaccagg 660
tccaggagnt caagaccatn cnn 683

```

<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3754

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ggctggaagc cctacccatg tcagggaatg tctgggcctc agatttttat tttctagaat 120
gaagatactt acccccctaat tgctgagata tttgaataaa agtatatgtg aaggattttg 180
taattataga atgtcctaca aatgatgagta gtctgtttgc tacttttttg gcgaagaaaa 240
atattgggat gcatgaataa tatctaccta aggtacctaa gggtgtattc atcccattta 300
ttgaatgcc aagatatacc agctactgct ccagatgttg tattcaggga acagaagaag 360
agtcctgtg cccatggagc taacagcatt ctaggggagg aaagatgggt cagctgactt 420
tcacgatctc aggtactgat gaagattgtg aagattatta catcagggtga atgtaggggt 480
gatttagaga aagctggtag ctaggctgtt caaggaaggg cctctgtgag aaaggggatg 540
gttggctggg tgtggtggtt cagcctata atcccagcac tttgggaggt tgggagtttg 600
agaccacctg ccagcatgga gaaacccgt ctctactaaa aatncaaaat tagcccgga 660
tggtggcaca tgctgtaat ncanctacc tgggaggctn angccgggag aattgcttga 720
acccgggag gcaaagggtt taattgagcc ct 752

```

<210> 3755

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3755

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naatancagc tcttgttctt tntgcaggat ccctctnttc gaattcggca cgagtatcac 60
agtttgtaaa cgggtgtttt tgctcctgtt attgaagtat acaactctgc ttagccaaac 120
ataccaagca acagacagaa gcgtcacttg gagagaagaa gaaaggggta actggcagag 180
ctactgtaaa agaaggatag aggagggtaa gtttgaaagt ggccatgggc aagaattttc 240
tccagatagc tcttgattat aatctctctc acctggatta tttcccatct cctgacagtt 300
tgttctcata taactatcag cagtcctctc aacacagaat cagaccatgt ctctcctctg 360
ctccaaccct ctgaggctct ccatctccct ctggataaca cctgcatga cctggccctc 420
ctatcccact gtcctcacc gcgtcattc caactctcct gttctccttg ctatttttca 480
tatgggccaa gcaagcacgt gcctcacaac ttgtgctctt ggcgtctgtc tgctgaaac 540

```

tttcttgcct	caggtagtct	catggtttat	gccctctcct	ctttcaagac	ttggttcaag	600
tgaccaccatc	tctgtgaggc	cttctcagat	cacctagtc	tgacacatac	tagccttctt	660
tcctactttc	tncactgnac	tcatcatctg	ctaattgngct	actggttgca	tattgcattt	720
aatgntctgtc	ccgttggtca	tgctggtttg	gggngggggg			760

<210> 3756

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3756

ttncnaanat	cagctcttgt	tctttntgcg	gatccctttt	tncganttcg	gcacgagggg	60
atgtcagggc	tctgagccca	agccaagcca	tcgcatcccc	tgtgacttgc	atgtatacgc	120
tcagatgggc	ctgaagtaac	tgaagaatca	caaaagaagt	gaaaaggccc	tgccccgctt	180
aactgatgac	attccaccat	tgtgatttgt	tcctgcccc	ccttaactga	gtgattaacc	240
ctgtgaattt	ccttctcctg	gctcagaagc	tcctccactg	agcaccttgt	gacccccgcc	300
ctgcccacca	gagaacaacc	ccctttgact	aattttccat	taccttccca	aatcctataa	360
gatggcccca	cccttatctc	ccttcgctga	ctctcttttc	ggactcagcc	cacctgcacc	420
caggtgaaat	aaatagcttt	attgctcaca	caaaaaaaaa	aaaaaaaaaa	aggataacaa	480
cctgcttggc	aagtttgaac	tcacaggcat	acctcctgca	ccccgagggtg	ttcctcagat	540
tgaagtcaact	tttgacattg	atgccaatgg	tatcctcaat	gnctctgctg	tggacaagag	600
tacgggaaaa	gagaacaaga	ttctatcact	aatgacaagg	gccgttgaca	aggagaagac	660
tgaacgtatg	gccangaagc	tgagaagtcc	aaagctgaag	atgagaagcn	nanggacaag	720
ngtatncaag	aattacttgg	tctatgcttc	aaaaga			756

<210> 3757

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3757

tnnannatca	gctcttggtc	tttttgcgga	tcctcttatt	cgctcagaac	cactctgtcg	60
tttttaagca	gggtcacaca	ctctagctca	ctgggtccat	tttaatttct	attaaacatt	120
tttttttttt	gcaaagtatg	tagtaggaga	tccaagggtg	ttggttaatg	atttattcac	180
tcattagtca	ttccacaaac	ttgtcttgag	cacctgttat	gtacctcagc	ctgtgctgga	240
atgctgagga	gacaggagtg	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggtatatatc	gccaggctgg	aatgcaatgg	cgcgatctct	360
cctcactgca	acctccgctt	ccggggttca	agcgattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagaggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gattttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	aagaacagaa	gagctcggaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gtcagaata	ttggctacta	cctgngataa	660
acatttaaat	tattgggaac	cagagagttt	ttatactaaa	ttgnaaagaa	caattttttt	720
atcaaagacc	aancccgaaa	ttcttgaccc	tcctgggatt	tca		763

<210> 3758

<211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758

ttgaagccct	gctctngttc	ttttgcagga	tcccttttnc	gcttcggcac	gaggtgtagg	60
cccncatcgt	ccctcattac	tggggtttca	tatttttgctg	nttttgatgg	acatggaang	120
aatncnagcc	tcaaaaannng	ctgaacannn	ttggcatcaa	aatttnntca	gaaaatttcc	180
taaaggagat	nnaatcaagg	gccnnaanac	cgcnaanaga	tgctcttgn	acactaanca	240
agcatctnnt	gangagnnnc	ttaaacangc	ttccagncag	aancctgcct	ggaaagatgg	300
gtccactgcc	acntntgttc	tggntgtgga	cnccattnnt	tatattgcc	acctcnnna	360
tagncgggca	aacttgtgtc	gttataatga	gganagtcag	aaacatgcag	ccttaagcct	420
cagcaaagag	cataatccaa	ctcagtatga	ngagcgnat	gaggatacat	taaggctgga	480
ngaaacgnta	gggatgggcg	tgttgncggg	cngtgctata	gggttnactc	tgcatagnng	540
acgtcagacc	agnactttcg	atttaccctn	tgatnngccg	acatnagant	tctgcccnngc	600
tgacacccaa	ttgacangnt	tnntttncat	tnncnttgta	tatanggcnc	ttaaanggat	660
ttcctctcn	ngatnatanc	ctattnnccc	tnatacntng	gtntatncta	ntnnntnntg	720
cntnanttnt	cncttganc	ancntntaaa	cnttnggnaa	ntctttttan	ctctctngta	780
ngtcttattc	tctantatt	nccncc				806

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759

ttcaaatccc	naagcttctaa	gttctnttgc	aggatcccat	nnattcgaat	tgggcacgag	60
gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcgggtgagg	ggaccgcggc	ggcttcaacc	120
tctacgtgac	cgacgccgcg	gagctttgga	gcacctgctt	cacgccggac	agcctgncgg	180
ncctcgtggg	taactgggcg	ggtctgggag	ccgtcacacc	cctccttgca	ntgcagatcg	240
tctatggggc	gacagacatc	tgggattccc	cagaaggctc	tgacaccctc	tgcccgccct	300
gtagctgnag	tcctcccat	ggctagggct	cttggggctg	ggcagggttn	gggtgcccc	360
agtgggcctc	gggttnccag	cagctcgtga	caagcccctg	ngctctctag	aaagcccgtt	420
ntggcctgag	tgcnngntgag	gacatnacc	ccgggttcag	gtgagaccca	acagggagga	480
aggacngatg	ggnagganga	ngggctctgc	acagctctcc	cgtacctttt	ctatnccagg	540
gcagcctgtg	agcagcaagc	ctgtggctct	gacttctgca	cgaangacan	aagcnattcc	600
ttgacgcttt	tcaagggggg	ccctaancac	ttggcctttg	gacctcttca	angntaccag	660
gccccaatag	gcnagcccc	aangctgang	ggccgcttta	cactggggcc	tnggcaaaaa	720
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nnnccnnggg	aaaaagcccc	cc				802

<210> 3760
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3760

gnnntttt	ntancagttt	gaaacccttg	gcggaccctc	gattcgaatt	cggcacgagg	60
tgtttctt	acctccctg	cacaacattg	tttatatgct	tnctaaaatg	taacttcttt	120
agattctgtt	gttacgtgca	acactgtata	tctctccata	gcacttaatc	agagtttgta	180
attaggcatc	tttttgtgtg	attattttgt	aaatgtccat	atccccctact	agcctataag	240
ctccatgact	tctaggtacc	ctgtctgact	acgtgtatca	ctgtttctac	cgcctaacat	300
tgcttagcac	attcattgct	tcacaggcat	ctgaatatgg	ttttataaaa	tacattgctc	360
tagtgcacag	gatttttaagc	taaggatttc	atgaatggga	tttggggtag	gggcatctat	420
gaaattcctg	aaattgtgta	gaattttgag	aatatgtgtt	ttcctgggga	tagagtatgt	480
agtttctcag	caactcatta	cagtctgtca	catcatgccc	taattctact	tgctgttagc	540
taaacaccta	ataacattag	aactgaaatg	atagtgatat	gcaagatagc	acgtgtgggt	600
tccacatatt	ctaagaggca	tcttcaatta	gattccaaaa	aaaaaaaaann	nnnnnaannnn	660
naaaaaaact	cgagcctnta	aaactatagn	gagtccgatt	cgtagatccn	gacatgataa	720
gaancattga	tgaagtttgg	acaaaccnca	acttggaatg	ccttggaaaa	aa	772

<210> 3761
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

<400> 3761

tttaaganca	gctcttggtc	tttttgcgga	tccatcgatt	cgaattcggc	acgagcctcc	60
accaaccccc	cagtcgtctg	ggatggacaa	ccatttggag	gagctgagcc	tgccggtgcc	120
tacatcagac	aggaccacat	ctaggacctc	ctcctcctcc	tcctccgact	cctccaccaa	180
cctgcatagc	ccaaatccaa	gtgatgatgg	agcagatacg	cccttggcac	agtcggatga	240
agaggaggaa	aggggtgatg	gaggggcaga	gcctggagcc	tgagctagc	agtgggcccc	300
tgctacaga	ctgaccacgc	tggtatttct	ccacatgaga	ccacaggccc	agccagagcc	360
tgctcgggaga	agaccagact	ctttacttgc	agtaggcacc	agaggtggga	aggatggtgg	420
gattgtgtac	ctttctaaga	attaaccctc	tcctgcttta	ctgctaattt	tttcctgctg	480
caaccctccc	accagttttt	ggcttactcc	tgagatatga	tttgcaaatg	aggagagaga	540
agatgagggt	ggacaagatg	ccactgcttt	tcttagcact	cttccttccc	taaaccatcc	600
cgtagtcttc	taatacagtc	tctcagacaa	agtgtctcta	gatggatgtg	aactncttaa	660
ctcatcaagt	aaggnggtac	ttcaagccat	gctggcctnc	ttacatcctt	tttnggaaca	720
gagcacngna	taaataatta	acttaataat	aatatgccca	aaaaaaaaaa	a	771

<210> 3762
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3762

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ctgtggcaag	gccttcagcc	agaagtcttg	ccttgtagca	catcagagat	atcatacagg	120
aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcagtgact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggctgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgccttggtta	aacataagag	360
aatacactca	agggagaaac	gggggggattc	agtgaagggtg	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagt	aacatgtgca	ggggaaaagc	cctgttaata	tggttaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gtccctgca	ctaataatgta	tagtanggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttcc	cacaatatgt	gttttcattt	actatcttga	720
catagagttt	ggcttgggga	agggggcagt	tttaaangct	tccc		764

<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3763

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ctgtggcaag	gccttcagcc	agaagtcttg	ccttgtagca	catcagagat	atcatacagg	120
aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcagtgact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggctgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgccttggtta	aacataagag	360
aatacactca	agggagaaac	gggggggattc	agtgaagggtg	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagt	aacatgtgca	ggggaaaagc	cctgttaata	tggttaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gtccctgca	ctaataatgta	tagtanggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttcc	cacaatatgt	gttttcattt	actatcttga	720
catagagttt	ggcttgggga	agggggcagt	tttaaangct	tccc		764

<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 3764

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tggagctctt	ctccaacatc	tggggagctg	ggaccaagac	tgcccagatg	tggtaccaac	180
agggcttccg	aagtctggaa	gacatccgca	gccaggcctc	cctgacaacc	cagcaggcca	240
tgggctgaa	gcattacagt	gacttcctgg	aacgtatgcc	cagggaggag	gctacagaga	300
ttgagcagac	agtccagaaa	gcagcccagg	cctttaactc	cgggctgctg	tgtgtggcat	360

gtgggttcata	ccgacgggga	aaggcgacct	gtgggtgatgt	cgacgtgctc	atcactcacc	420
cagatggctg	gtcccaccgg	ggtatcttca	gccgcctcct	tgacagtctt	cggcaggaag	480
ggttcctcac	aagatgactt	tggtgagccc	anaggagaat	ggtcagcaac	agaagtcttg	540
ggggtgtgcc	cggcttccaa	ggccatggcg	gcggaaccgg	gcgcctggac	atcatcgtgg	600
tgccctataa	gcgagttttc	ctgtgccctg	ctctaactta	cccggctttt	gacacttcaa	660
ccgcttccat	gcnaaccctt	tgccccaaaa	ccaaagggcc	ttgaagtttt	ntcatgaaca	720
ntgcccttca	accacttgnt	gtgggtcccc	ggaacaaccc	atgggatnna	aaggngngng	780
ccttgnccca	aattgcttnn	cc				802

<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3765

atacagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	ggcatatgct	60
tgtctcaaag	attaagccat	gcatgtctaa	gtacgcaggg	cctgagtctn	tgccctcgtg	120
ggcgttgagt	gacactgatt	ctcgcgtgtc	tccggcctct	ccggcagggg	gtcctancgc	180
agactttgcg	gntcatggag	agtctctggg	agacaggcac	ctgcggacgc	tgagataaag	240
ttacgacgca	ctgaaagatg	aaaattctaa	gctgagaaga	aagctgaatg	aggttcagag	300
cttctctgaa	gctcaaacag	aaatgggtgag	gacgcttgag	cgggaagttat	aagcaaaaat	360
gatcaaggag	gaaagcgact	accacgacct	ggagtcgggtg	gttcagcagg	tggagcagaa	420
cctggagctg	atgaccaaac	gggctgtaaa	ggcagaaaac	cacgtcgtga	aactaaaaca	480
ggaaatcagt	ttgctccagg	cgcaggctctg	caacttncag	cgagagaatg	aagccctgcg	540
gtgcggacag	ggcgccagcc	tgacccgtgg	tgaacagaac	nccgacgtgg	ccctgcagaa	600
cctccgggtg	gtcatgaaca	gtgcacagct	ttcatcaagc	actgggttcc	ggagctgaga	660
cctgaatctt	gttgccaaat	ccttaaattct	attgacngaa	tttctgaagt	taaagaccan	720
gaggaagact	nttgaggccc	tggn				744

<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3766

atcagtttct	tgcccttntn	caggatccct	cgatttcgaat	tcggcacgag	gtttccctgg	60
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aactcaaagt	caccttcaca	tctcccaaga	ctccagagca	tgagggccgt	tactatgaat	180
gtgatgtcct	tcctttcatg	gaaattgggt	ctgtggccca	taagttttac	cttttaaaca	240
tccggtgccc	tgtgaatgag	aagaagaaaa	tcaatgtggg	aattgggggag	ataaaggata	300
tccggttggt	ggggatccac	caaaatggag	gcttcaccaa	ggtgtgggtt	gccatgaaga	360
ccttccttac	gcccagcatc	ttcatcatta	tggtgtggta	ttggaggagg	atcaccatga	420
tgtcccagacc	cccagtgcct	ctggaaaaag	tcatctttgc	ccttgggatt	tccatgacct	480
ttatcaatat	cccagtggaa	tggttttcca	tccgggttga	ctggacctgg	atgctgctgn	540
ttggtgacat	ncgacagggc	atcttctatg	ccatgcttct	ggccttctgg	atcatcttct	600
gtggcgagca	catgatggat	cagcacgaac	cggnaccaca	tngcanggta	ttggaagcca	660

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agtcggccca ntgccgtngn tcttctgnct ttcataatttg acatgtgtta aaaaangggg 720
ccaacttacg aatncctttt acagtt 746

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<210> 3767
<211> 749
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (749)
<223> n = A,T,C or G

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<400> 3767
tnagatacac ctcttggttct ttttgcagga tccctcgatt cgaattcggc acgagggtttt 60
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atgaaagacc ccaatgggga gaataatttta aatgtcttgc agggagtgga agaaagcttt 180
gcttaaaaat gtcacccatat gctaactata tacagcactt caagtttatt tattgttaaa 240
gcctcatgta aatcacgtca ttctgaaaat catggaaact gcacatttgt gcattaaact 300
atgtaaacaa caaaaactgg tcatccgtcc aattgttgc tcaactattt tgaattatag 360
tgcaattttg tggagggtga aatggggatt acacaatata gcgatttcct gttaacacct 420
acatttttgc tgatcaagca aggtctgttg gtgcgagagc ttaaccttta ttttatttcc 480
aaatgtgttt tttattccga gtcccgttgg tgtctatggt ttcacttttc tccatgagcc 540
acatgttaaa gcctgccctg actaaatgaa ggagtgtgag cagtgggata gacattgcag 600
gcaggcgaaa ctgggataag cccagaatc ttttgaacct atcagtaata ttactaacag 660
gggagaaagt ataaaagtga gcccttcaag tgctctagtg tacatgtcag aattnaagca 720
cgagttncac gggatggctc acccccttc 749

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<210> 3768
<211> 759
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (759)
<223> n = A,T,C or G

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<400> 3768
caaatncnng ctctcggttct ttntgcagga tccctcgatt cgaattcggc acgagggtctg 60
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aaaataaata atccagtccc cccaagaaa gggaaatgaag tgctataatg agaaaaatcc 180
tagtacctaa catatagtag acagtggaga gtggttctct ttcgttnctc aggggcagac 240
agattgggtg ctggagtcct ctatcaaaga gtcagagctc tatcccagat gtgtaatgaa 300
cgtggtcaca gacatattgt ccattaccat ttaccttccc tataaccact gtgcctccag 360
cctttagtaa tagacacata ggagcgcagc aatacgtcta aaaataggag tgagagaggg 420
cagggcatgc ccgttcttgn ggtagaagaa aagaatgtca aagaaagcag ctgggactaa 480
tgaactttac attagccata ttccattatt tcagcttaag tcaaagtgcg gtcctcatga 540
ggcaactggc tttgacagga gctacgctaa ttaccactta ccaaccttta atttctgggt 600
aaaagcaaaa gacaaaaact aatggatttn tcatttttnc cagngacaag aattaaataa 660
tagtangtct gtcnaaaaaa aacaaaattn aaactcgagc ctntagaact ttngngagtc 720
gtattacntt agatncagac ntgatacgat accatggan 759

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<210> 3769
<211> 754
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3769

ttgcnaatgc	taggctactc	gntctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggagccacca	tgcttgcccc	atcgtntcat	ttgacccctg	caacacccta	tgagaatatc	120
cngatcgaac	gatntcacag	atnatccata	gtgatactca	gctaacggnt	ggctctgcca	180
gacttgaacc	caccattctt	gttactnnct	tgatnncttt	aanactgggt	atnnnnngcc	240
agtntgmnat	ggngcnnaaa	atangatgtg	ngnttttttg	angtannann	tgctacaggc	300
ntnnactnta	tnatctnagc	natagcnagt	ncaagtngga	ctgattnagn	atacacnnng	360
nngtgttant	ngctaaaata	ttgaaanaac	tttnattctg	gntggagcnc	gtnnngtntc	420
ccaaatatga	acaaccaana	tctgaaatgc	tncaaagctg	gaaactttta	gagtgtntnt	480
gantgccngc	caacatgaca	tgcaaganaa	acatttnattt	ggagcatttn	ggattgtgna	540
tatttnagatt	ngggatgctc	antagnatt	aatgcanata	ttncaaaanc	cncgccttcn	600
gacccagcng	aaanaaaaaac	caaaaanccca	naataacttgn	gntcnccaag	cattcatgaa	660
aaaaatgatn	cttaacctng	naaatagctt	tgncccaacc	cncnnaagtt	tctttntcta	720
cttccttggc	cantttnaac	attaggaacc	ccct			754

<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

tcagctcttg	ttctttntgc	aggatcccat	cgattcggct	gcacagtggg	aagggcactg	60
ggctggaagc	cctaccccatg	tcaggggaatg	tctgggcctc	agatttttat	tttctagaat	120
gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctaccta	aggtaacctaa	ggttgtattc	atccccatta	300
ttgaatgcca	aggatataacc	agctactgct	ccagatgttg	tattcagggg	acagaagaag	360
agtcctctgt	cccatggagc	taacagcatt	ctagggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtactgat	gaagattgtg	aagattatta	catcaggtga	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggtggg	tgtggtgggt	cacgcctata	atcccagcac	tttgggaggt	tgggagtttg	600
agaccacctg	ccagcatgga	gaaaccccg	ctctactaaa	aatncaaaaat	tagcccggca	660
tggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgagg	gcaaagggtg	taattgagcc	ct			752

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3771

taaagnatca	ngntcttgtt	ctttttgcag	gateccatcg	attcgctgga	ccgggtcttg	60
gtgctttcca	gctcagggcg	ttggtccact	tggttattct	tggggaccaa	aatccaagct	120
aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcacat	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttccgtgtt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaatac	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgattat	tatttaatat	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3772

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3772

taaagnatca	ngntcttgtt	ctttttgcag	gateccatcg	attcgctgga	ccgggtcttg	60
gtgctttcca	gctcagggcg	ttggtccact	tggttattct	tggggaccaa	aatccaagct	120
aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcacat	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttccgtgtt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaatac	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgattat	tatttaatat	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3773

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3773

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catcgattcg	aattcggcac	gagcagcctg	cggccaggct	ttttatttaa	tntnaatagt	120
ttttgtttgc	ctccgtgggt	tggtcaccgt	gtgcacgcga	ccgtgctgta	aatgtggcag	180
tcgctgtgtt	gggagagccg	gccacgccct	tggctttaga	gctgtgttga	aatccatttt	240
ggtggttggg	ttttaaccca	aactcagtgc	attttttaaa	atagttaaga	atccaagtcg	300

agaacacttg	aacacacaga	agggagaccc	cgcctagcat	agatttgag	ttacggcctg	360
gatgccagtc	gccagcccag	ctgttccccct	cgggaacatg	aggtgggtgg	ggcgagcag	420
actgcgatca	attctgcatg	gtcacagtag	agatccccgc	aactcgcttg	tccttgggtc	480
accctgcatt	ccatagccat	gtgcttgctc	ctgtgctccc	acggttccca	ggggccaggc	540
tgggagccca	cagccacccc	actatgccgc	aggccgccta	cccaccttca	ggcagcctat	600
gggacgcagg	gccccatctg	tccctcggtc	gcccgtgtgg	ccagantggg	gtcccgnctg	660
ccccaacact	cgngcttcgg	nttcagaaca	cttttgggca	nggaangtct	tgggggcccct	720
taaccaagca	nggaaccncc	gtgccaaagc	ccngggcaag	gccgggtccc	aaccttagga	780
acccaacaa	gccccctttn	ggggaagcca	acccccnaaa	cctttttggg	gggg	834

<210> 3774

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3774

gnnnnttttaa	ataccagct	ttcaaatect	tgttcncgnc	ttncgcagga	tcctctgatt	60
cgaattccgt	tgctgtcgg	gatgagattc	tgatggaaga	gattaaggat	tacaaggcac	120
gcttgacctg	tccgtgctgt	aacatgcgta	aaaaggatgc	tgctcttact	aagtgttttc	180
atgtcttctg	ctttgagtg	gtgaagacac	gctatgacac	ccgccagcgc	aaatgtccca	240
agtgtaatgc	tgcttttgg	gccaatgatt	ttcatcgcat	ctacattgg	tgatctaagt	300
caaganaaga	agaggagctg	gctagtcang	aacttattca	ttaaccacca	aacctctacc	360
tnttctctcc	ttgactgtca	cctgtaggac	agtttatcag	tcaactacct	ttcctccaga	420
ctttacttcc	aggctctnct	cttcagtanc	tggatgactt	tagcagaaag	gactggtaaa	480
tacaagcctt	gggtttcaga	atgaattaga	aacaaataac	tcttactgtc	ttccctccca	540
gctttgttta	ttttgtgctt	ttagactttt	cagtgnntnc	ttttttcagn	ccactgtata	600
aacttggatt	gtccattcct	cctgaagaaa	tcaagttggg	tatttttgat	gtggaaaagg	660
gaacaanaag	tggaaacatg	gctacttttt	ggggagtgga	tnttttaaaa	aaatnagggt	720
ggctatgggc	accaaanttt	tctacatttg	ngtnncaaac	ttcttgtgaa	atgtgggatt	780
ncaaant						787

<210> 3775

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3775

ttnnnnnnnn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
gctgggtgtg	gtggccttat	cctgtaatcc	aaacactttg	ggaggccaag	aaggaggat	120
cacttgagcc	caagaatttg	agaccagcct	gggtaactta	gtgagaccct	gtttctaaaa	180
ataaatagac	agatgataga	tagtcagata	gagagagaga	gagagatgat	atagatatag	240
atagatagat	agaatgttct	ctaccccaag	ggaggagaaa	gacttgagca	aagacacaga	300
ggccacatgg	attaaaagga	ggaggagaag	ccctgtgttt	gcagggatga	atggcctatg	360
ctctggggag	gtgggctgtg	ccctcagcag	catccacatc	taatgcagga	caacaccatc	420
gacttcctgg	agtacgtggc	agctctgaat	ctcgtgctga	ggggcaccct	ggagcacaag	480
ctgaagtggg	cattcaagat	ctatgataag	gatggcaatg	gctgcacgca	cccgcctgga	540

gctctcaaca	ttgtggaggg	aatttaccag	ctgaagaaag	cctgccgcga	gagctacaaa	600
ctgagcaagg	ccagctgctc	acacccgagg	aggtcctgga	caggatcttn	ctcctgggtg	660
atgagaatgg	agatggccac	tgctnttgac	naattggtga	agngccctc	gggccaagt	720
ggtgatgaaa	atcttccnat	ggc				743

<210> 3776

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 3776

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cagctagaag	agaggggtgca	gcaccccaag	gnnaggactg	ggggagtggg	tgttccagga	120
agggctctgg	catgtaaagc	tgacacagaag	tcaaatacaga	taaagcctga	gagggatcca	180
tgggatttct	tggcaaaagg	attgttggtg	ataccaggaa	gagcagcttc	agtggctcat	240
ggggagagaa	gccagattac	aggagatcag	caactgagag	agtgagtgga	gagcatcttt	300
taagaatgtc	ttgagtgcgg	gccggctgcg	gtggctcacg	cctgtaatct	cagcactttg	360
ggaggccgag	gcgggcgaat	cacgaggtca	ggagttcgag	accagcctgg	ccaacatggg	420
gaaacccgtc	tctactaaaa	ttacaacaat	tagctgggca	cggcgcantg	gtgcgtgcct	480
gtaatccag	ctctcgggag	gctgangcag	gagaatcact	tagaccaggg	agtcggaagt	540
tgcaagtgc	tganattgcg	ccactgcact	tcanactggt	gacagaacta	gactctgtca	600
aaaaaaaaaa	aaaaaaaaaac	tcgagcctnt	agaactatat	gagtcnnatt	cctagatccn	660
gacatgataa	gatncattga	tagtttggac	aaccacactt	gaatgcntga	aaaaatcttt	720
atttggaat						730

<210> 3777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3777

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gattcgaatt	cggcacgagg	ccaccaccac	caccageccc	acaaaattna	cctcaaggcn	120
tacgaacagg	tgatgacta	ccccggctac	ggttccccca	tgcttggcag	cttggccatg	180
ggcccggtca	cgaacaaaac	gggcctggac	gcctcgcccc	tgcccgacga	tacctcctac	240
taccaggggg	tgtactccc	gcccattatg	aactcctctt	aagaagacga	cggcttcagg	300
cccggtctaa	tctggcacc	cggatcgagg	acaagtgaga	gagcaagtgg	gggtcgagac	360
tttggggaga	cggtgttgca	gagacgcaag	ggagaagaaa	tccataacac	ccccaccca	420
acacccccaa	gacagcagtc	ttcttcaccc	gctgcagccg	ttccgtccca	aacagagggc	480
cacacagata	ccccacgttc	tatataagga	ggaaaacggg	aaagaatata	aagttaaaaa	540
aaagcctccg	gtttccacta	ctgtgtagac	tctgtcttct	tcaagcacct	gcagattctg	600
attttttttg	tggtggtggt	ggtctccatt	gctgntgntg	caaggaaagt	cttacttaaa	660
aaaaaaaaaa	ttttgtgagt	gactcggngt	aaaaccatgt	agntttaaca	gaaccngang	720
gttgctctatg	gttaaaaagc	ctntagaact	atgngagtcg	nattacgta		769

<210> 3778

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3778

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agtactggga	ttacagacgt	gagccaccgc	acctggccta	aatttcacca	tcgtttctat	120
tcataactta	cctgcaaagt	gattatctga	ctagtactac	tgcaacaaag	ataataaagt	180
gcctgatgtt	tatatcaaat	aggatatggc	atgtttctga	gtgtttctaa	agaaaaatac	240
tgaatgaacc	cctcgccctaa	cctagtgcct	gtggtaacaa	taactgacat	gcattgagcg	300
cttactgtgt	gccaggtgct	tgttcgaggt	actttaccgg	tattaactct	ttaattcgca	360
taacccttct	gtgagatggg	taacattata	cccattttac	agatgaggaa	tctgaggcct	420
ggagatatca	aatcatgtgc	ccaaggccac	aaagccaaca	tgtggtagaa	ctgagactcg	480
aatctaggca	gtttgttcca	atttttgtgc	tttgaacctg	tgcacaatat	gactattgct	540
attttgtgat	attatttgag	atttctcttt	taattattct	tgatatcttt	ggggcagaaa	600
aacaatgaat	aataatgtta	tgaatattaa	agccccctca	aaaaaaaaaa	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnaaaaaa	aaaacctggc	ctttaaattt	720
ttgggggggn	ntttccnnaa	anc				743

<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3779

ttntatatca	gctcttggtc	tttttgcagg	atccctcgat	togaattcgg	cacgaggata	60
taatggccan	gaggaatcan	aaacctgacg	ttagaaaggc	tcaacgagaa	cangctatca	120
gggctgctaa	ngaagcaaaa	aaggctaagc	aagcatctaa	aaagactgca	atggctgctg	180
ctaaggcacc	tacaaaggca	gcacctannc	aaaagattgt	gaagcctgtg	aaagtttcag	240
nctacaggtg	gacaatgagg	aggaggaaaag	ccnnggacag	gttgaagggc	ggcttgnccc	300
atccactgtg	gtcctggacc	acacangcgg	ctttgagggg	cttctcctgn	tggntgatga	360
cctgctgggg	gtgattggac	acagcaactt	tggcaccatc	cgntctacca	catgcgtggt	420
caaagggaaa	tggctctnnc	aggtcctcat	ctctnccang	ggctcatgca	nateggetgg	480
tgcaccatca	nctgccgntt	taaccangan	gaggggggtg	gagatacaca	caactcctat	540
gcctatgatg	gcaaccgcnt	gcncaagtgg	aatgtgacca	cancgaatta	tgccccccca	600
tctntgctgg	gttncanncc	tgtggtcaca	agtnctgcng	ngcctgtatn	aaccagcacc	660
tgttgaacan	canggacttg	nttcttcttc	aaaaccacn	ttntgtctgt	anangacttg	720
gtanaaggga	gccaatccna	gttctacn				748

<210> 3780
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3780

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cgattcgaat tccgcacgag ggattttctcc tccttccgcg ctttctgcgt gacactggct      120
gtcagctctg ggctgggctt tctggggggcc acacagctgc tgaggcggcg ggttgaggcg      180
gcccgaaggg acccaggggtg ctcagcctgg ttgtggatag cggcctgtgt ggagaggagc      240
tgcttgtagg cagtgaggag gcggacagca tcaccttggg ccggtatctc cggcagctgg      300
cacgccatcg gaacttctctg tggttcgtga gcatggacct ggtgcagggtg cagtggctca      360
cgctgttaat ccagcactt cgggacgcca aggtggaaag accgcttgag ccaggaggtt      420
cgaggctgca atgagttatg attgcaccac tgcactccag cctgggcggc agagaaaggc      480
tccatctcta aaaaaagaag agctaagtgc tgtacctaaa acatgcagta tataaactgg      540
ctgaacttag aaataaactg ttttcatgtt atgaaaaaaaa aaannnnnnn nnnnnnnnnn      600
nnnaaaaaaa aaaactcgag cctntanaac tatagngagt cntnttacgt anatccagac      660
ntgataagat ncattgatga gtttggggac aaaccaact ngaatgcntg aaaaaaatgc      720
tttatattgng aaaatttggg atctatgctt tatttgtacc attataagct n              771

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<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3781

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cnnttttcaa atcgcttggt actngttctt tttgcaggat cccatcgatt cgaattcggc      60
acgagggtgag gggctgtctg gcccttctga ttttttgta acgagacatg gattgtggca      120
tcaagattta gattcattcc tctgtttgtt ggagtcattg aagccagtat atcctggaca      180
tttttttaaag aggtcccat tctgagaaaa gacaggaggt gaatgtctta ttgattctta      240
cctttctgtt cgttatagac gaccagagga acaaatgcc cgacacggat tcgactcagt      300
cataagtgtg aaccaaatag gccgatctgg gttctctcac tgactgaaga ggaagagaaa      360
taagagagga cagtgggcaa aatgtagggg gacaaccaag ggttctgggt tgcccagaat      420
tgccctgggt tcaacctga agttcccatg ttgtggacag ccccggtggc ctagacaaac      480
aggtcacctt agcggtaaaa gcctttctca ggagtgaag ctccagggga gacaaaacgg      540
gtttgggttt ggaacctgga ggaagaaggc aaaaatgaga gactnactg gcagtgaagc      600
ccggaaaagm ccgccttgc aacaancgtg gcatcttccg gaccttcc cttgctcttt      660
ctcccgttag cctgcctt aatgtngggg cccagtgcaa aancctntt gggggccngg      720
gcccgttgcc ctgcttaatt caattgcaan cttggaccag gaaaagccca gccagctt      779

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<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3782

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tacaggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagcaggctc      60
atctccaact gacctcatga tccactggct tcggcctccc aaagtgtctg agtgcagtgg      120

```

tgtgatcatg	gctcactgca	gccttgacct	cctgggctaa	agcaatttgc	cttcctcggc	180
ctctcaaagt	gctgggatta	caggtgtgag	ccactgcacg	tggcctcttt	ttagtattt	240
ttttccaaaa	ttattttgaa	aagtttcaag	gtggaatgta	gtgacacccat	cacggctcac	300
cgaagacttg	acctcctggg	ctcaggtgat	cctcccacct	cagcctctca	agtagctggg	360
actacaggtg	cacaccacca	caccagcta	gtttttatgg	tttttttaga	gacagggttt	420
cgccacgttg	cccaggcagg	tagaactccc	gtactcaagt	gatcogtccg	cctcagcctc	480
ccaaggtgtt	gggattacag	gtgtgagcca	ctgcacccgg	cccatttctt	cttagattta	540
acagttaaca	ttttgctaca	tttgttttat	gtccccatat	atctgggtttt	cccttaagct	600
atatgaggct	acattgnggg	tacactttac	ccaatattct	ggatatcaacc	acagtgccat	660
aatcataata	aaaaaattta	acattggtgc	agtaaaaaaa	aaaaaaaaaa	actcgaggnc	720
tttagaacta	tnntgagtcg	ntta				744

<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

anacagctct	tgttcttttt	gcaggatccc	atcgattcgc	aacagaataa	gactccatct	60
caagaaaaaa	aaaagggtta	agttcctgac	ttaatgagga	aataaaaaaa	ttatatgctg	120
aagttgctaa	gatctagctt	gtgtttgtga	aattgtgaag	aaagaaaaag	aaattcatag	180
tagttttatg	gtcacacttc	tgcaaaaatt	gcagccacag	tgcatgataa	gtgcatagtt	240
aagatggaaa	aggcattttt	tgagtgggaag	acatgaagag	aaatagcttc	caatgacagc	300
attcaagttc	ggtactatac	atggtttcag	gaatctacta	gaggtcttgg	aacatatccc	360
tgtgggataa	aagggactac	tgtattgcca	accaggggaag	cttcagtgtc	tccagagaat	420
ttattagggc	atcattacat	aggcacgatt	gatttggttg	gctgcccaca	tggttgaact	480
cagtcttcaa	gtcaactgat	accaagttgt	ccaaagttcc	ccaccctaaa	ccacatgggt	540
ggtctttctg	gcatggcccc	gctttcaccc	taagactact	gggtgttgca	gctgcaacct	600
aaaatctagt	aacaaagaca	tgcttatcag	gtctgacata	gattaccttc	caaaagggaa	660
agatcagaca	tctctttggg	taangtcaac	ttttttttac	tacattgaga	caaattctat	720
ttcaaggaca	gagttaagga	gggaatgaat	ttt			753

<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3784

tacagctact	tgttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gaccacacct	60
ggctcattta	tttttatatt	gtctagagac	agtgtctcac	tatgttacct	gggctggtct	120
tgaactcctg	gcccctaatt	atctgtctat	ctcaatcacc	caaagtgttg	ggattacaga	180
tatgagccac	tgtgcctggc	ctatttctga	ctttttttct	ttttgtatat	aagaatatat	240
atttcgagac	aaattgtgga	ttataaatgg	atgcttattt	atctcgactg	cctttcagac	300
ctttttcccc	cagccaacca	gtttttttct	tctcaaagaa	gacacagggtg	aaactgaaac	360
tcactatatt	cttctgattg	agattgtgtg	ggctactccc	actcagcttt	tgcagtacat	420
ggaaagtga	gataaacgcc	taaagaaact	agtttcagtc	atagatttag	taaaaatggt	480

attgcaaate	tcttctttga	actcaangtg	cttttctcag	tttctttaaac	caccacccag	540
agagatcttt	catgtcctct	ttgccctgga	gatgtacatt	gggaacaaaa	accttaagtc	600
agttcttcac	tttttactg	ctttggctct	tagtaattat	ctgntcttct	attaaacaag	660
gagaagacag	attaaatttc	taacagtnag	ggcacaaaac	caatccattt	acagaattag	720
tcttacttta	ccacatagga					740

<210> 3785

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3785

tcnnntgaan	acctttacaa	ctacntgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggaa	aagaaaaaaa	aagaaattta	aaattctgtt	ttagtggagt	catttgaact	120
taagtctaag	tttataacaa	cactggcttc	cacagcacag	gaggtgagca	tgtgttaata	180
tttaagattg	gcataactcc	cttttaggtgc	aagtgttcag	gccaaaatgt	tcttgagcat	240
tttgattcct	cctcctgctg	cccactctata	ccaagcccag	aaactgtctg	gaatatattt	300
tagtttcctg	aatgacacca	agaagtagaa	cagtcttttc	aaaaatgtat	tttaaaaata	360
agctgaatct	caagaatctg	atctatagta	taatgaaaac	tgaaaagtga	agtagtcatt	420
gggatactct	actgtctcac	tttaattctca	cggcttcctt	gcaaggtggg	taaaattgtt	480
cctacagata	gtcaaattga	gtttttacagt	tagaaaatga	ttgggctagg	atttgagccc	540
aatgtctgtc	agattcctga	gtttctgcta	cttctactaa	aatatgctgc	ttcttgtgtg	600
tcngtcttc	tgtttgggga	caagcagatg	atatccctaa	caaatcaat	ttctttatta	660
ttattctctt	ttaccttttg	gttcccagca	gtacaagtcc	cagttttgaa	gtcctaaaaga	720
ctgggtatgag	catagctcat	cgacgacatg	gtg			753

<210> 3786

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 3786

tcctntngaa	nncccttaca	agctacttgt	tcttttttga	ggatcccatc	gattcgaatt	60
cggcacgagg	ccaaatcctt	cagtggatgt	gaaaggaata	ggagatgaat	tatataatcc	120
agaaacacat	aaacgacata	ctttgttttg	tgggacaact	gttattcaga	ctcgtttcta	180
cactggagaa	ctcgtcaaag	ccatagtgtg	tagaacagga	tttagtactt	ccaaaggaca	240
gcttggtcgt	tccatattgt	atcccaaacc	aactgatttt	aaactctaca	gagatgccta	300
cttggttcta	ctatgtcctg	tggcagttgc	tggcattggg	tttatctaca	ctattattaa	360
tagcatttta	aatgaggtac	aagttggggg	cataattatc	gagtcctctg	atattatcac	420
aattactgtg	ccccctgcac	ttcctgctgc	aatgactgct	ggtattgtgt	atgctcagag	480
aagactgaaa	aaaatcggta	ttttctgtat	cagtcctcaa	agaataaata	tttgtggaca	540
gctcaatctt	gtttgctttg	acaagactgg	aactcctaact	gaagatgggt	tagatctttg	600
ggggattcaa	cgagtgggaa	aatgcacgat	ttctttcacc	cagaaagaaa	aatgggtgtg	660
caatgaagat	gtttgggtaa	aaatccccag	ttttgggtgc	nttgggtatng	gcttacttgg	720
tcattcccct	ttcacaaaaa	atttggangg	ggggggcccn	ttttgggnng	atnccacctt	780
ggaatcttga	a					791

<210> 3787
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3787

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gcacgagaaa	agacttataa	gccctctgat	tgatctcctt	tggtgttgac	ttcttgatcc	120
tctttaattc	aggaatcaca	gttagatttc	ttagaatcct	tctttgtgct	ccaagtatca	180
aagaccttat	ggggctcccc	agccataatg	gaaaaagtaa	tttctttaac	aggggagaca	240
ccagagcaag	agcggagatg	gggggtacgag	ggggtcctca	tttatgcagc	tgggccagagc	300
tcctcatcca	acccggggct	tagtgagggtg	acagatgtga	tggtggccaa	tgtagtcttc	360
cttttctttc	tttttttttt	tctgaggcag	agtctcgtc	tgtcacccaa	gctggaacgc	420
agtggcgtga	tctcagctcg	ctgcaacctc	tgtctcctgg	gttcaagcga	ttccccagcc	480
tcagcctccc	agcacttttg	gaggctgagg	tggtgggac	acttgaggtc	aggggttcga	540
gaccagcctg	ccaacatggt	gaaactccat	ctctactaaa	aatacaaaaa	ctggccangt	600
gtggtggcgt	gtgctgttaa	tcccactact	caggangcag	aaggcaggaa	aaatcacttt	660
gaaaatcang	aaggcngagg	ttgcaantga	ncctgaanat	ggcaccactg	cactgtancc	720
ttgggcaaca	gggcaagaac	tccatcaaaa	aaaaaaaaaa	aaat		764

<210> 3788
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3788

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cacgagccac	tgctacagcc	ttagtccaga	nttttctctt	tctcttatct	aggctgttan	120
tatagcctan	taaatgttcc	gggcccctcca	gtctatttgt	cattcaatca	cttgtttcag	180
aaatattact	aggcacttat	tttatgccat	ggcacaattc	taggtgctga	agacgacaca	240
gctgcgaata	aaacagacat	gggacctgtt	cttggtggagc	ttatacttta	gtgcgtagag	300
aaactaaaca	gagaggtatg	aaagatagtg	atggggacata	attctactga	aggttgggtg	360
atcaaagaag	ctttgctgaa	gagatttgtg	ttgatgttgg	tattttctaa	aaacagatga	420
ccaatatggt	taaatttggt	tctgagggag	aaggtaacat	gagatgagct	cagataatta	480
gacagggggc	agatcattta	tatgcaaatt	agattatgag	ataacagaat	ggtatatattc	540
cctcatccta	tttactgcag	caaatctctc	cttagttgat	gagactgtgt	ttatctccct	600
ttaaaaccct	acctatcctg	aatgggtctgt	cattgtctgc	ctttaaaatc	cttctctctt	660
cttctctctc	tattctctaa	ataatggatg	gggctaagtt	atacccaaag	ctcactttac	720
aaaatatttn	ctcagtcctt	tgcagaaaaa	accaant			757

<210> 3789
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (926)
 <223> n = A,T,C or G

<400> 3789

tncgncnctt	ttnnnantag	nnnnnntgnc	nnntgnaann	gntnnatgan	gtncntnnntn	60
actatnatgt	aannnagacn	tncgcttana	tatatcgngc	nnnnnanannc	nngtngtatn	120
atnannagng	tgncataatn	gncanaaacg	cctnnactga	ggnacttgta	nntntttgca	180
ngnncccnan	gannncgaac	aaatccatct	tgtaatgaac	ggnggaaaag	ggccagcgag	240
accacacagc	acatcaatgc	catcaagcgg	gagattgatg	tgaccaagga	ggccctgaat	300
ttccagaagt	cactacggga	gaagcaaggc	aagtacgaaa	acaaggggct	gatgatcatc	360
gatgaggaag	aattcctgct	gacctcaag	ctcaaagacc	tcaagaagca	gtaccgcanc	420
gagtaccang	acctgcgtga	cctcatggct	gatatccagt	attgccagca	cctagtggat	480
caagtgtcgc	caccgcctgn	tcatggaatt	ttgacatctg	gtacaatgag	ncctttgtca	540
tccctganga	catgcagatn	gcactgaaag	ccaggcggca	gcatccggnc	aggcattggt	600
ccntgtgaac	aggattgtgt	ctctgggaga	agatgaccca	ggacaanatt	cagccaanct	660
gcagcagagg	gtngctttcc	tggagggccc	ctgattccat	ctgcttttnan	aatgccaaag	720
tnaanataga	gcntnaagca	taattacttg	aaaaccattg	atgggccttc	agnngggccc	780
atagaaaaat	nanaacctnn	ttgnncagtt	ccttnangga	aaaagancag	nnactcctac	840
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nttcnattgn	tgggacccca	nncang				926

<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3790

gnnncntttt	gaatncanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcattagtg	taagtgcagg	taattgcttc	attaggacat	atgtattgaa	120
ggagggaggg	caagtctata	gcatggtgat	aaaaacaggc	ctcaccctct	ttctctaccc	180
acacagggag	catctcagct	tgacttcagg	gatccaggag	ccaccagcca	ccctgtaaac	240
agcccagatt	aatcctgggt	ttcagtgtca	tgggaggaag	gaaggatgac	ctagtaaaga	300
gcaacttact	tactttcttt	gggggtggtaa	ctcattgctg	aactctggat	ggcactgggtg	360
cgttcaaggc	aatgtgattg	aatcattggg	gattattact	gaattaggga	gcaaagtatt	420
cttatggaag	ctgtatgctt	tctgaggctc	accaggecgg	atggcatgag	ccctatcctc	480
tgtttgagtt	atttgactgg	ctttttaagg	gagtctccat	tttcattctg	gccatgacag	540
atcaagaggt	tatattctcc	catcagacct	tactactttc	ctgtagagtt	gaatattatt	600
ctgattttat	gccatgtctg	tgaatgtctt	tgtgtgcacc	ctacctagtt	atgcatctcc	660
tctttcaaaa	gcatgttaaa	agatccaata	gtaaatgatt	ctgcttatat	gaagctacta	720
aagtagtcaa	attcatagaa	agtagaatgg	gtgg			754

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3791

gnncnttttt	gaatncacat	acangctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggttactga	tggagagagc	agagaagctg	gtgtttgcag	tcccatctgt	120
cagccttgac	acccctactc	ctgtccagcc	agtgtttctc	aaagcgtgct	gatgagcaat	180
gcaagatgat	ttcatgttat	agataagaat	aaaaaaattg	ttttgtgttt	aactcaaatt	240
agaaaaaggc	aacaattggg	atgtgcgacc	tgtggttttg	cagatgatac	tgcttaggat	300
gttggtaact	aagaaaaagg	caacttttca	aaaatactat	tagtgacatg	tggacctagt	360
cctcctgaag	aggactacat	tggggcacccg	gtaattgttt	ctatttgccg	tactctggct	420
gtgtggctct	ggccacgcca	ctggaggcag	tgtctgagcc	tgtgacttga	gtagtgtctc	480
tgtgtcatgt	ctgctgattc	tccccaaatc	ctgaagattc	atgatgaagt	gactgccggc	540
ttggtctgaa	ctagattgaa	aacaataagg	atcccagaac	gatagcactt	tacaatccta	600
taattttggc	tcaaattgcc	tgcagttact	atcttaaccc	tgctgttat	gttcattgag	660
caccaaagtt	tttcagtcaa	ttcctgagta	attattctct	gggattgaat	tatgaaatag	720
taaatatttc	cactatgcaa	tcaattgggtg				750

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3792

gnentttttga	ttccatacan	ctacttggtc	tttttgccag	atcccatcga	ttcgaattcg	60
gcacgagcaa	gaattgctgc	tgtgtttttt	tttttaattt	tattttttat	ttttaaagac	120
tttcctacct	tctcattgag	agagagaaaag	atgcccagag	ttaaaatagg	aggtgcttgg	180
gtattttgtt	gaacttcaca	agttaaactg	gcgaatggcg	tccatcagct	gttattcagt	240
ccttgaacag	agcagatatg	tttgtgagag	gacaaagaag	atgcctcaaa	gacaaagaag	300
aagatgcctc	gtcgtccctc	gagctccac	acggcatctg	cacatcacca	gctcagcatt	360
tagcacactg	gattgacact	gccatgttag	gtgaggtgac	ggcatgccct	agagtgaagg	420
aatctacagc	aatatgatag	ctaaatgcca	catgaagtcc	tggattggat	cctggattgg	480
gaaaaaacat	ggctctaaag	ggcagtattg	ggacaattgg	tgaaatttaa	atgtagtcta	540
tgtattangg	gataatgctg	ttatcaatta	tacatttcct	tctgttataa	ttgtccttgg	600
tcacaccagg	aaatgtcctt	attaggagac	gcatgcagaa	gtcttttagg	gatgaggact	660
tactgcagct	tattctcaaa	tgtttatata	taaggtgaca	aaaattaaga	aattgggtcaa	720
tcttgggtgaa	aagtttatga	agagtaaaagt				750

<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3793

ngncnntttg	aatnccttta	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gcctaggcgt	agtcatttct	ttatttagtcc	ttactttatt	tttcaaagtt	120
acgtaataaaa	tgtctatgtt	tctaagctat	cttttagattt	gtaaaagggc	taaaatgtta	180
cttttaaaaca	tgttttggtt	attcaaattt	gtttataaat	ctctcctttg	tacccttggc	240
taccacctct	ccccactcct	ctgcctaaaa	ctaagggaaa	atcctgtctt	tgcccatagc	300

ttcagaatgt	tctgcaat	tttagact	tttttaactg	atcactgtta	agcaagggag	360
gaaatttacc	acttctcttt	gtgatgtaat	attgcacagt	gaccctaagt	ggaagccttc	420
ctgtgtcctg	gatgtgagct	ctgcgctgtc	agtggttggc	ttgtaagctc	tggctccaag	480
tgttctgagg	tgcaaggaac	cgatcttgtg	cagtagaaaag	agcttttggga	agttggcaag	540
tagcaagggt	agttctcata	cattctatgc	tctggccacc	tttttctgtg	gcaggaaaac	600
aaaacaggca	aatgcacaca	aactgggtac	atttaacttt	gcctcctgag	ccatctncca	660
agccatttag	ctttggatgg	cctcaatttg	gaacaaggga	acaaacaaaa	tcatgatgat	720
aacgatgatg	accccgatcg	tccttactaa	t			751

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

gncnnttg	an	ttcnatacag	ctacttg	ttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatt	gcttctg	ttt	taatggtaat	ttgtctaatt	gtaaaaatac	cgaagtagtg		120
attccaagtt	agaaagtagt	gatccctaag	aacagttgga	gaaacatatg	gtttgttcta			180
tagctgtaag	cggtaatttt	gaagcaattt	tgaaagcatt	ctttcccttt	aagaaaaaaa			240
tagtttctta	ctgaaatgac	tttttaggat	gtcttgaaaa	acgtagtga	attcatctag			300
aaacttacaa	ggttgatgct	agccatcaca	tgcatgctgc	aatttgctga	aatgtcttga			360
tccagggggag	ctaaaactttt	acaaaaatag	gtttgttttag	aagtcatatc	actacatgaa			420
aaatcaccac	ttttgaaact	tacgggttaaa	ggcagtttct	cttttaaaaa	tgtgctcatt			480
gattattccc	acccaaatag	ccagaatatt	ttgtaattac	ccattaccac	tcctaccatc			540
tgaaacgtgc	atgaaaaaaa	tgaaaaattg	acttcatctg	aaaagagttg	tgtcatgata			600
tatgaaacgt	tttttgtaac	ctccaggaag	gaacattgca	atttttccat	ttcagatcgc			660
ctttgttttg	ccattctcta	cagcagacca	aagagtgc	caaatgtaca	ttatttcagc			720
atagataatg	acttgaatat	gagaagtaa						749

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

gnnnnttg	at	tccntacan	actacttg	tt	ctttttgcag	gatcccatcg	attcgaaaaa	60
aacaaaaatt	cccataaaaa	aaatagatgt	ttctnacatg	ttgagcatat	atggatttca			120
tttttaatat	gattgtagaa	acattagatt	taaagcatat	tgaaaaagaa	aacagtatat			180
tctttaggag	cttcaaaaaa	gggttttggg	ttagtcca	aaa	gggtgaaaga	agatctttta		240
ttattttggg	aaataacttc	taaggaaaca	aaccaccctc	acatgcacta	tctcatttgt			300
atttctgtca	attctgaaag	gccagcattt	ggccagtatt	atttgaatct	gtattgtatt			360
ttttaaccag	agaatgaag	gtttatagct	tcattctttt	ggaagaggag	gctggagacc			420
acagggttaa	at	gcaggtgca	tcgctcttgg	cgggccctgg	cagggtcctt	tctccctcct		480
tttacacgcg	cagacaaagc	ttgtggatgc	tcaataagga	cagctgccgt	ttggacagag			540
attaatcatt	tatttgtgaa	ggttttttct	gccttgcttt	cttgggtctt	tttaaattct			600
cacattgggt	tgatcccaaa	atgtttgtgt	tgtccttact	caaaactagg	aaaaacaaat			660

tatgtggtaa gaagctcaga gccacttact taaatctcaa ctagatttat ttgtgagaac 720
atctgttttc tggatattta nacacttctt ctt 753

<210> 3796
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

<400> 3796
gnncnntttt aatnncnata caagctactt gttcttttttg caggatccca tcgattcgaa 60
ttcggcacga gacagcattc gctgaccatt ctctctctcc accaccaag gacaggaggg 120
ctaaccagg cagagaacct acgctgagaa ctccaccacca gaaaaaatat ctgcttttaa 180
aagcacagtg cacaatagta ctttttaaaa gctaaaagag ctaagtttaa agttaagac 240
acgtatgttc ttgacacag atctcctaaa agtctgacaa aattagaagt accagcacat 300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacctatgac tatctcaata 360
ggacaatgac aggatacaca atggttttatc atgccctgac ctgctgagcag tgaccaagaa 420
ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcattg caaactggga 540
gctgctgccg ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
ttttgcacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagaccc 660
tctgtgcata gacttgcat tggcccatga caagtga aaa gagtaagcta cagaataata 720
ttcatccatt cttcattttt ataaaaccac ttttt 755

<210> 3797
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (745)
<223> n = A,T,C or G

<400> 3797
aggnttnntt tntgactcat gcttggnta ntngttcttt ttgcaggatc ccatcgattc 60
gaattcggca cgaggttacc tggggggcgt ntgggacgtc aacagccaga tgctgacggt 120
gctcagagcc ttcccttgct ggagccggct cggggacgca gagactgcag ctgccatcga 180
agaggagatc taccagagcc tgttcctgct gggcctgtcc ctggtgggct ggtaccacag 240
ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
gctgcggtc cagggctcca gcaatggctt ccagccctgc ctgcccctgc tctgctcccc 360
ttactattct ggcaaccag gccccgagtc caagatctcg cctttctggg tgatgcctcc 420
tcccagcaa aggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
ggacagcttc ctgaccaatg acatccttca cgagatgatg ctgctggtgg agttctacaa 540
gggttccccct gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca 600
agcttaagat ctcttggcc agcaggacgc ccaaggacca gacctgtgtc aacgtntctgg 660
aacaagtgtg ccggcgttct tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
aattgtcttg aagggtccga tggt 745

<210> 3798
<211> 784
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3798

```

nggccntttt tgaaaaccct tttcaaacta cntggttctt ttgcaggatc ccatcgattc      60
ggaaatccct ctcttgacca cttgtcagaa atcagaaagt gtggaagaag aaaatatattag    120
ttacctaat gagagtcttg gggaagagtg ggattcctct gaagaagagg actctatggt      180
gcccacttta tcgcctcttg agagtcttgc ctggcagggt aagtgccttt taaaatatctc    240
cacaacttgg aaacctttta atcctaattc ctgggtgtat catgctaaac tgttggatcc    300
aagcacacca gtccatatac ttcgagagat aggtctaaga ctctcccatt gttcccattg    360
tgtcccaaaa ctggaaccaa ttcctgaatg gccccctctg gcctcttggt gagtcccacc    420
ttttcaaaaag cctcttacaa gtcccagccg gctctctaga gatcatgcca ctctaaatgg    480
agcactgcaa tttgccacca aacagctaag ccgaacattg agtagagcca ctcccatacc    540
tgaataccta aaacagatcc ctaattcatg tgtttctggg tgttgctgtg gctggctgac    600
taaaanagtt aangaacaa cttgtactga ccccatatac actantttat ttttacattg    660
gncttccaaa agggcagggt naacaaactc cntaacttgg anttccttgg aaaaaaacn      720
ncnttttggc ctctgaanat ctnnngnngn gggctaaatt gganaaaagn gggtcccaaa    784
attt

```

<210> 3799

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3799

```

gcnnnttnatt anacagcta cttgttcttt ttgcaggatc cctcgattcg aattcggcac      60
gaggacaaag caaaacatca acattaagtc ataggctagg attatacaaa tgagaaccccc    120
caccttatac attacttaat ataagttaac tacaaagagc ctctccactt acattttttat    180
catgcatctt acatttttaat gtccttattc ttttatagaa aaggtcataa taccacaataa    240
aaaagaatct gtaatatccc tgatgcagca acaattgac acatgcttcc acatgtgacc    300
acaataggaa taaaataaca gcgtaaagaa atttgaaagt tgtattacat cattattcac    360
tgttcaaaaa tttttttcaa gaaacaagta cactttcaat gaaattacaa tgcttcagaa    420
aatctccctt ttaaagttat atacaaaaac agcttttagt gtggattcat ttttatactc    480
aatactctga tttagtgtaa tgtctgaagt gtcagtgcct tattctagt taaattctca    540
tatttacgta aaatcaattt tgaattaaat atttttttca tatttacatc tgcaaaaaata    600
tacttttagt taaactctct gatgttttct aagctataga ttttgaaaaa aaaagtcttt    660
ccaaattcat tatatttgca ggactcttct ncaatataaa ttccatgatg tggaataaag    720
ctggagcaac tgcttcangt tttcctctag

```

<210> 3800

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 3800

```

gaaattcata canctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
atctgttact acttcagaaa ttgctgggtg atgttaggcc cctcctatct gtgctctctc      120
agctacagtt tcccgtttga gcatattcat tcttttttat ttttgctctg aacaaaaata      180
ttagagttac aatattacta tattccaggc cttgctagaa actggggata aatctatgaa      240
tatggtcgct tccctggaag acctcacagt ccagggaagc caaacctgc agacatgcag      300
tagacttagt ggtctctctt aagggttgctt gttgagtttt gacattggag attatgtaca      360
gacttgaatg actagttagc ctcaggcaca gcattctggt tggcnttggg gggggggggg      420
aantactgcc tctcagcctg ggcaagtcac ttagagatcg cctcgtcact ctncctcct      480
ttgctgatgc ctctggtcta ntacctctga ctcagcttcg ccttttagaga tactcatgct      540
ttctggcaac agaggctcct caaaccccaa ttcctattaa aacttccatc acttaccgcc      600
cttctttttc aaggggacca agccagnttt attnccccca ttttnccagg tnacttggtc      660
ccttggggcc aanaatgtgg tggaaaattt ttggggcaaa attccccntt ttttcccttn      720
ttttttnttg ggancttcna nn                                     742

```

<210> 3801

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3801

```

gntnaatttc aaagacgctn ttgttctntt ngatgntcnn ancgaactcta nttcngcacg      60
agtggcagtg ggagtcgaag cgagggtctg aagttcacga ctactagaag gggagggggag      120
tggaagggtc ctcagtgaag aangtattan aattatttct gaattatcag tctctcattt      180
gtgctttgga gaagcnaaaa aggcaaaagg ggtctttggc catcttctgc tggagcttcc      240
aggaggatg tgtctccaan agaccagatg tccgagtttg aaatcccaga acccangagg      300
aaaagaatca cagggaggaa aagactgtcc aaaggctcct ggagtcttct gttctctaac      360
cttggaaagt tttgaacaat atttctcana ngatagccct ttttttccaa cctttttttt      420
ttntcatctg tccagcatga ctcaccccc ggagtggtt gaatgtcttg tctttcaccc      480
aagaaaggac ggacttttgc attgggcttg taaatttggc ccactgggtg cttaatggga      540
agtaaaaaaa agagtcnttg cttaccatgc cggggaacct anaaattacc atcactggcg      600
tttttttngc ttttggttct tcaatggggt tggtaggggt attgaaatta tttantttnc      660
caanaaaata aaaaaatggg atttttaaaa aaaatttttc atcccccggn nnaantttt      720
ngnnnnnnng nttggaanng ncnnngcncn ntattnannc tttnnnnntt nnnnnccntt      780
ttttt                                             785

```

<210> 3802

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3802

```

gttgantttg aanccctctt gttcttttgg aaggctccca tcgattcgaa ttcggcacga      60
gagatgttat aaaatgtgta ggcttttaat atataagtta tttgggctcc tttgttttgg      120

```

```

gcataacttna aacagaagaa aaccccttct gggggcagaa aagctagaac tggatatcac      180
agttccctct ggggtgggctg ctatgtgtca attcgatctc cttaaaagaa aatngtggtg      240
gcctaaaata ggggtctttct ttaccacaag ttagatccct ggcagcaatc tactttctcg      300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg      360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt acctttttta      420
agctttccnc cccctaaag aaagacatcc aatagaagtt gccacttctc catttatcaa      480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaattctta      540
actattttaa gactaaaaca aaataactta tctgnntttc cattttacta cagtaaatgg      600
gtatttaaaaa tagttcacat ggcttttctt tttaaattca aaagggtatt aacctgggat      660
ggtggaaaaa cccaccttta nccacacctc cttaaaaata ccttaacctt aacttnccta      720
aaaccaatth acccaganca actngggggc t                                751

```

<210> 3803

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3803

```

cttaattcca tcagctactt gttctttgna agcattccat cgattcgaat ttgggcacga      60
ggccatccct ctctctggct gtagactgag gcttttctct tgcttcaagt cagagcagna      120
tttggtgatn acctnncaat aatgtttggn nnacatgcca ntnattaaat taattcaaca      180
tgaagttgaa tttgatgaaa gtggatcatg tatccangta ttnggctttt gaangttttg      240
cangtnaatg gagatggaac tncctctgnc acacacnctg aactncantg gtgcaatctt      300
tgntcactg caacctccgn cactgggctg gagcaattcc cctgcctcan ccttnaanta      360
gctggaatta caggcatgtg tcaccananc cggggggtta aaattntttt ttttnatttg      420
aggaaaagcn gggtcacat gtaggcattg tggtnctnaa cccctgacct nangtgatcc      480
acctgncntt ggccttcaag gngctgggat tacaagctta aancaccatg tcagccagcc      540
aagtattngg nttttnaaaa atttganntt tcntttgctc aaagggaata naattttcct      600
nctgggtnaa aaagaaacct tttnaagcc cnccttntt tcaaaaanaa aaaattttta      660
anttcntttt gggnggtaaa acctggcctt naaaacctt ttnacttggg caaaataaat      720
tttaattttt ttneccctt tnantttttt                                750

```

<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 3804

```

ttnatattcga nacnntctt gttctttttg caggcatccc atcgattcgc ccagctacat      60
gggagggtga ggcaggagna atcacttgaa cctgngaggt ggagggtgca gtgagccaag      120
attgcgccat gcctgcagcc tggcacggcc agnngnctct tgtcaaaaaa aaaaaattta      180
tnaatgcctt tggctaaacg taaaagcntt tnttggacca ncttaatgct taaaatctgt      240
tttngttcca ggtgggttgt taacagggac tcattttttt ggtcttggat anggatcccc      300
gctactcaaa cagaaaaatg aaggaggaat ctggttaaag aaaacaccag tntccagaat      360
ggtgaagntt tggnaagaaa actcctttct tgetcaaaaga aaaattttaa aggttnggnc      420
cttttcccaa aaaanccna cacttttttt tttcttgant gaangggctt taaaatttct      480

```



```

tnggaaatag ttttaccaaa aatgggattt aaaaaaatcc taccgatcaa gatgagttca 540
gctagnaagt cntnccnct caggatcagc ttaagtattt tacttgattt ttttaccaaa 600
tcaatgcncg tacctacctt aatccttnaa ataagtttan aatttaccta accccaaagt 660
ccaggagggt gttnttacca aaaaatagct ttntcaaggg ctggcnccta a 711

```

<210> 3805

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 3805

```

tgantccaat ccgctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60
gtggatcatc ctaccttgtt cctaattctta gggagaaaaga atttgtcttt caatgagtaa 120
gtctgatgtt acctntggga ttttttggtn natgctcttt atgtgtttga ggaaaatcct 180
gtctactcta gtttttagga aggangnccc tngaatecgt gttgnatact ntggcgatat 240
canaatngct atggngngng ncngnttat ncncattaag ctcggaataa ngtgggtgtg 300
cgacatcaca atgaccnata cantactgna ngggccctag cncccaatcc ttanggttcc 360
nnncatttnt tctggctcng aatcaactgc atggncantn ngccccccna nnngaantan 420
ggaaggannn tcacataggt acatgtgact atccttactn aatctggctn taaaaacatg 480
gtcctnnaca tnaacatntt anancatact ttgcagatnt ttgcggnctg cnctgaaatg 540
tcccataaac aacntnntta cttnanggaa aaaanatact ccatgggggn naaanaacca 600
tggaggaang aaggnaaagg gcccncatg ccnctgcang tttancaagg gcagnttatt 660
tattctta 668

```

<210> 3806

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3806

```

tgatttccat nnnngntacnt gtctttntgc aggatcccat cgattcgaat tcggcacgag 60
gactagaaag aggccctgcc ctctagaaag ctcatagctt ggcttctgtt actcatactc 120
gggtgggctc cttatcagat gcctaaaacn tnttgccata agctcgatgg gttctggagg 180
acagtgtggg cttgnacacag gcctacagtc tgaggggagg gagtgggagt ctcatacanc 240
tnttnggtct tggcnttatg gcnaccactg ctcacccttc aacatgcctg gtttacgcac 300
natcttgntc atgggaagag gtnggtggna gactctcana gctcaagatg cttagagaga 360
aagntccctg aactgggccc atctgacttt ctacctacc ctttggtttt tttggcncct 420
ttntccacac tcaatanctt ctggcagnat nctcctgagc cacatgtgcc angactgga 480
aaaacctnca tctttggcnt cccaagagct ntanggactc ttcacagca ctagatttgc 540
ctcntctaag tntctatgan ctgcacccat atttnataaa ttgggaatgg ggtttggggg 600
atztatgcnn ncctataaaa actatactga gtcgtntttc gnananncaa nacnttataa 660
gnatncattt gatnnanttt ggnccccccc ccttcttana attnggn 707

```

<210> 3807

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 3807

ttantttccat	acagctcttg	tctttgtgca	ngatcccatc	gattcgaatt	cggcacgagg	60
tttgataaaa	ggttgtcagt	ttaatatcca	agcaattaat	aaagacaagg	tgtgagtttt	120
tctgttaaatg	cacctctgtc	tttaatgtgg	aancaccgta	taaccatgca	tcttaccata	180
attgggggtgc	atgtctgtgg	tacatgggca	caaacatttt	tctttcagcc	ttgtaatcac	240
atctccaagt	aatctaagca	aaaaagaagc	aaaatctaag	ccagtggaca	tgctganggc	300
tatcttaagg	gcttctggaa	tgacaaaggc	cagaaatcca	tcttcatatc	atTTTTTTTT	360
TTTTTggaat	cnaggtcttg	ctattgttgc	ccaagcttaa	aaaaattggc	ccgggggggn	420
ngcttttcna	ggngcnanat	agttaatgna	tcctttaacc	tcctgggggt	aaanganccc	480
cctgcctcaa	nccttttggg	gaacttggga	cccaaggngc	nccnccccac	ctgggaantt	540
taaaagcatt	tttatataaa	aaggggaagg	tgggctgtng	ncttttcctn	tttacctttn	600
aaacccggga	atcaaaaaan	aaggggcaag	nggggatttc	gggccatata	agccnggggt	660
tggggtcctc	ggggggaaca	TTTTTTTTTT	TTTTTTTA			698

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 3808

ttccatcngc	tcttgTTTTT	tgcaggatcc	ctcgattcga	attcggcacg	agacactggg	60
ctcagggggt	gagccattgt	tgggtgctat	tacttggtgt	gggaaccaat	anggaacaga	120
aaacaancaa	aacactaacc	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagtgtgt	gcctctgtgt	cctccgggtg	ctgagtgttg	240
ataagaaaga	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaccctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaaagga	gcacttattt	tttggaattt	ggnaaaangc	tctagatcct	420
taggaggatc	tatttttgctc	atttgngngt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctggttttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3809

nntttgaant	ccaatanata	tatngctant	tgtgcttnat	gcctangata	tcgaattcgg	60
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cacgagccta	cctcaccagg	ttgtcgtggg	gagtgaacaa	ggtagtggtg	cctcacctac	120
agactcaaca	tatggccttt	ggctcttccc	acttccaaga	gtcttggaag	ggatgggtcg	180
agcaagcaga	ggaaaggaag	atgtgagttc	ccaaaatgct	cctcaccttt	ttcttctgag	240
tgggctcctt	ctcactgcat	tggagggcct	gcggcgcan	atggtcctcc	accctgggag	300
actccgtccc	tgtctcttta	gggtgtcaaga	tcagaggcct	cttgcttacc	taccagactg	360
cccgggggca	cggtcatgaac	cgagccttca	gcttgccaac	nttcnttggg	aacctntttg	420
gnntgaattg	caanttgggg	gtgcngggcca	tggacacccc	ggcagcaacc	agcatacaag	480
aagcccttgn	cacgtgacct	actcttacag	caatcgcagc	cctgccggcc	ctangggagga	540
aggaagtcca	acttcagtct	cagagattct	gatgcagtat	atcaattgng	gggtggctgt	600
ggccaagaat	ttttaataac	ttttnaaata	acctttcttt	gggtattttac	caaaaagccn	660
aacttggtan	tttgggtcaat	acaaattttt	caccaaacc	ccctttaaan	caaaaaaaaa	720
aaat						727

<210> 3810

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3810

nttcnntttg	aanccttaca	netcttggtc	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtcg	tcggttttct	gagggtaact	cagctgacag	agagattcag	agaacgttaa	120
tggaggtaat	atatttgata	gtcaaaatat	atagaacatt	ttaaataaaa	tatgaaattt	180
tgaacattgc	atatttgata	gtcaaaatat	atagaacatt	ttaaataaaa	tatgaaattt	240
gaaaatattg	tcaggaacaa	acatgtttct	ctatcacaaa	ctctaagaaa	atgactactg	300
gaaaataagg	ctatctgcca	aattccattt	ggtatacacc	tgtactattc	tgtgtttttt	360
gagtagatca	gtcattcata	tatttaaatt	cttatgaatg	tggaaatcct	ttggggccggn	420
gcgagttatg	aagacatttt	tgnnatggca	tattaagact	gttggcaata	aatgagctta	480
attatgtatg	aagctgctct	aaaaattatt	ttttctctca	ctttattgct	gagactgagg	540
caactnaaat	agntttgata	attggaagan	gatnnatgac	agaatgaaaa	gaatgcctta	600
aaggnccttt	ccttccnagt	ttttaccctt	tccccactt	cccaaaaatt	cttntggaaa	660
aggtggaatn	ttcaaaaaat	tnccaaanta	ccattttttc	ccacctttca	aaattgggaa	720
aacntag						728

<210> 3811

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(931)

<223> n = A,T,C or G

<400> 3811

gnntnannac	ngaaactntt	naactcctgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	tggctgttaa	gaaaacantg	gttttttctt	ttaagggtgat	catttcatgt	120
tcctatggta	tggatgcatg	tagacctttt	angaaacagt	taatgaagtt	taatctgctt	180
atgtggaagg	aaaagggttg	aatggaaaag	gcttcttggt	atgcaacgga	anccgccctg	240
cttttcccc	gatgtgtcta	tttaggaaca	tttctgtgac	acttgccctg	gcgtctgcaa	300
cctgctacgt	ngctccttga	tgganggaan	aagcctggcc	gtggtanagg	gaaagctgag	360
ctctgttggt	aaaatgagag	ttcctattgg	agaaatgcct	ctgggcaacn	tgncctggcct	420

```

ttncennaaa ngtttggggg cgcacatagg ctgtgtacaa gccanagtcn aaggtattaa 480
aacctaacca gccantgcag aagtcagntt gggaggttcc nggaaagtgc ctaaactaag 540
gcccnaaaag gaccaaangg gcccggncc cccaggggta nttaaaaaaa ttaaaaaaaa 600
tccanccctt ccaaaggncct cttaattntt ncaanttttt cccctgggcc ccttaattcc 660
ccaattcctt tngggncctt tngggggaag agcccnttna aaattttngg gcccancctt 720
cctttttggg ccttttnaaa aaaaaggngt gggnaaangg gggntttttt tttttttggg 780
ncctttccaa attgggggna aaaaaagggc ccttgggccc cctttaaaaa gggggggccc 840
ttggggtnaa ncctttccaa ccttttaatt tccccccaa ntttttaatt ttttgncccc 900
tttaattttt aaaaatncct tccccccat n 931

```

<210> 3812

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3812

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gggcctnctg tnaacccttt gaaactaccc gnnctttttg caggatccca tcgattcgaa 60
ttcggcacga gnaaagaact caaagggcag caatncnttt aagtaaggaa accagttagg 120
agataattgt ggtaatccag ggaaagaaaag atggcagttt atactggggc attgccagtg 180
tggaatagaa tagatctcag aagaattttt ggaagtagaa gtggcaaaac ttggtgactg 240
aattgtgagg gcagaagtgg gagaaatcaa ggatagagtt tcttaaacaa gctttggtga 300
agacagggac taccctatct gctgtcatgt atccacagct tagcacaat ctttatacgc 360
tggaatgct tgataagtac cgagtgaat tttctggctt gaggatccan ataatggga 420
tgccagtctc tgatttaggt aacacagagg cagactcact tgggaggtta ctggtgattc 480
anttttaaac atgtctagct caacatgcct gtgaaacata cacatgacaa tgtccagata 540
cattggcaat tnggatgaat tgatttctgn aactcaanaa agagaggtct gagatgggat 600
tctttgcata ccttaccaaa aaaaaaaagg tttntgtttt tttngnaant naacncgntt 660
ttntggcctt gttaatccca nttnctttng gggagggcna ngnnccgggg ngtnnnccna 720
agggntcngg nntttaanan cctccccan cccaaaatag ggngnaaaac cctttttttt 780
tttaaaaaaa aaccttcn 798

```

<210> 3813

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3813

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atganncttt tacaanctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggagaatc ttatatTTTTT aaaattgtcc ctatgttaaa tccagatggg gtcacaaatg 120
gaaatcatcg ctgttcttta agtggagagg atttgaatag gcagtggcaa agtccaagtc 180
cggatttaca tctacaatt taccatgcta aggggctgtt gcaatacttg gctgcagtga 240
accgtttacc cttggtttat tgtgattatc atggccattc ccgaaagaag aatgtattta 300
tgtatggttg cagcatcaaa gagacagtgt ggcataccaa tgataatgca acttcatgtg 360
atgttggtga ggatacggga tacaggacat tgcctaagat actgagccat atcgccccag 420
cattttgcat gagcagctgt agcttcgtag tggaaaaatc taaag 465

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<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (516)
 <223> n = A,T,C or G

<400> 3814
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 gcagacccca gggcctctta gccaatcccc gggcctgggtg aagcaggcga ancatatggt 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagtnttggt naaccancn 240
 taagccataa gttcccctgg ggcccctggg ganaaaagnct tcaatcacng ggccaagggc 300
 ttctgggnccc cattnattgn cttggacaag aactctgggt cacaagtctt gctnggtctt 360
 gctgggggaan ccnaccnga cattgggcn cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaaatacac ttncagctct taaccaaggc ttnccttcaa 480
 gtcacaagtt gttgccngaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnnctgggtc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60
 ggggggtgact acagctcacc tgcagctggt gagcaacttc aangcgtgag acccaggtgg 120
 gccgggctg gaccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180
 atnactgtnn nnggtnttn tctaggnggc cttaantttn cacatcnntn tnttcgnta 240
 gnnnaaatgn cctcntatna gcatnccttc cttcnetgan tgntnnatga gagcatgatn 300
 tataatgoc taaagancct gggtnngnga ttatnnntna gttaataaat nattctnanc 360
 actatcacat gntgantgcc ctncnanc ncctngngna aagagaanac tgacaannng 420
 gnntantnt antncctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttgct ctttttgcag gatcccatcg attcgatgcg cttattaggt 60
 attttatctt tcaaaaatat atgtncctaa ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgctgt 180
 gtgcagtga cttctgtagc acccaaattg tggggttggg gaaaaaccat tccaccttaa 240

aagaaaacca	agcctttctg	gcaaaattgc	tgattctagg	ttttggccaa	gaaatgtaca	300
tgctgactgg	aacattgcat	aacagtttagt	aaggaggctg	ttaaagacta	tttaggggtca	360
tttcagaaag	actggagaaa	tgactgtaga	attcccactg	gcccagagat	cnggtagaaa	420
cctgtgaagt	gtgtttaaat	tcttgagttc	ataatgggta	ttttaa		466

<210> 3817
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 3817	
tgcctnncag	ctcttgttct
aaactgcatt	ttgggggggt
ttgaaaaatc	aagatggatt
aggaaacagg	gattttactt
gtagttgggt	tgtttataat
aacattccat	tgaataat
gtttaatatt	gtggcagcat
ttccaagtaa	atcattatta
	tctaaacagt
	gtctttttt
	60
	120
	180
	240
	300
	360
	420
	459

<210> 3818
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 3818	
nnntnctan	tcaagctact
anatgaaaag	gcngaattga
gtnttctctc	ctcacttcag
gnnngcncgt	cgcnnantgc
ggctnccttn	ctcnnntnct
nagcgcaaga	gncnttgact
atgcatgatg	atgengcata
ctgtccttcc	nacactatna
	gaggcngaag
	cnnacntgat
	ctcct
	60
	120
	180
	240
	300
	360
	420
	465

<210> 3819
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 3819

tannatcctt	ancnnnnnnc	tacttggttct	ttttgcagga	tcccatcgat	tcggcctaaa	60
attagagaat	tatctgctca	gtccttattc	ctgcagaata	caaatgtcac	attctaacct	120
gttaagagat	tgtcttcaaa	ataaaactgt	tattaactac	attaatgtta	gacaaagtac	180
acttttagggc	aaaaggcatt	attagggata	gatttcataa	tgatagagtt	ctatagtaga	240
atatagtaat	gcaactgaac	aaaatgaagc	tcattccact	gcatggaaga	atctcacaga	300
tgtgatgctg	aacaaaggaa	gccacgtaca	aacacttact	atataatttt	atgtacatca	360
agttcagaaa	caggatagtt	acctttggga	aggaggtaac	tgaaagagta	tgaggagggg	420
tttctggtat	ctggttaatg	tactttgtac	cagttaccca	ggagtgttt		469

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3820

gatnccaatc	anctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	60
caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	gacatgatgg	120
aggatgttga	ngangtatat	gccgngaca	tntgtgcatt	gtttggcatt	gactgtgcta	180
gtggagacac	attcacagac	aaagccnaca	gcngccttcc	tatggagtca	attnatgtnc	240
ctgatcctgt	catttcaata	ncaatgaagc	cttctnacao	naacganctg	gaaaactttt	300
canaangnat	ngnecggttt	accagagaag	atnccncatt	tnaagtatac	tttgacactg	360
anaacnnnga	gacagntctn	tctggnatgg	gagaattnca	cctgcaaata	tatgctcana	420
ngctggaaag	atgagntntg	gctgncttgt	ntcacaggaa	ag		462

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (464)

<223> n = A,T,C or G

<400> 3821

cttnnttaga	tacagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggattcacc	ttcttggttct	ttaaaagtca	aaaggctttt	tgacctttaa	ataactctta	120
catctggtca	tcactgttga	aatgtttctac	taaaattttca	gagtggaaaa	gttttaggct	180
taaaactgac	tggtaaaaat	agaatatttc	tttgtattga	tttttcagta	tagctgtaca	240
gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	tcacatttgt	aaatattgag	300
cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	ccccaacttt	taacattgta	360
attaaacatc	ctgtataacc	tattttattc	tctgccaaac	aattttatga	ctgctgtttt	420
tactctttgt	gatgaaaatg	ggatggagaa	gataagggtc	tttg		464

<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 3822

attncaatac	aagctacttg	ttcttttttgc	aggatcccat	ccgattcgaa	ttcggcacga	60
ggcantagct	gtggggatgg	agaaaagtgg	acaaattaat	tagagagatt	tagaggcaga	120
ttggtgattg	aattgagcag	ggcagtgaga	ggattcccgag	gtttctgact	gaggtgtcta	180
agtggggatg	gtgatgaaag	ggggaatatt	gggagaggat	cacgtttgga	gggagactaa	240
ggcaccatca	gtattctaga	gattagaggg	ctgtgagaga	attgtgatan	gagggattta	300
ctctttggca	gatatccaag	cgtggaaggc	ctgtttgatg	gactgtcctt	gataatcaca	360
ggcagggtata	ncctcaaggc	tttgaggatg	gctctaaagt	acatttcaaa	caccacctcc	420
tccacaaagc	ctttctacta	caactccatc	ccctgagtag	agt		463

<210> 3823

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (470)

<223> n = A,T,C or G

<400> 3823

anaatacctt	tacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	nananataan	60
aangnnaaaa	tncagcaatg	gtncacaggc	tnncnctaa	nnnatctgcc	tgctgncatc	120
agagccnatg	tnctgggcnt	nntntctggg	gntacattat	ttaggccant	ntatcanggc	180
caacccctcc	anctgnctan	tagangccat	gnccactngn	taattcaagg	gcccagctcc	240
aggnnngttt	ncttctctng	gggancatca	gtnncttnt	nnntaccacg	ncattcccat	300
tngcatgttn	tngccgctnn	tcttaataga	taatatnnaa	accctnattn	ctcncgctna	360
ctaantacca	tcattnatnn	agtaaaanat	ctnanaaaag	nngncaancn	agnngntnnt	420
gatnctnctc	ctccccctcc	ccacctgtgt	ttttaanaga	caggattccn		470

<210> 3824

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (465)

<223> n = A,T,C or G

<400> 3824

ttanttcnat	acaagctact	tggttctttt	gcaggatccc	atcgattcga	attcgggcacg	60
agaattcata	aaaggagtta	gttgacgtca	tgtgtggcct	tgtctagaag	caaaaattat	120
aatatcaaaa	gctctacgta	tgaattgggc	cttaatgtct	ttgtactcat	ttattctttt	180
attgaaaaaa	agctctaaat	gcctattttg	tgtcacataa	ttgagatttg	ctttgaaatg	240
tctgattctt	tactatagta	ctatctgagt	tggtcacagt	ggtatgggtga	tccatactct	300
gaactgttcc	attatctgga	attaaaaggca	tataataaaa	agaaatagac	tgtatttagt	360
ttattctagt	gtaataaatt	gaaaagtaaa	tagatgatta	gaagcaagtg	ttccaaataa	420
aaatttatca	gcagtataac	aattctatca	ttcattccaa	cttgg		465

<210> 3825

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 3825

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cnttgnnttcg atacagctac ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggagagtct cactctgttg ctcagggttg agtgcaggca tgtgatcata gctcaccgaa      120
gcctcaacct cctgagctca agtgatcctc ttgccttacc tcccaagtag ctangaccac      180
aggtgggcat gaccacacct ggctaagctt aaaatttttc tgtatangtg gtgtctcact      240
atgttggcca nactggtctc agatgcctgg gtcctatagcn gtcctcctgc ctcaaccttc      300
caaaggctgt tgattgttta aatacgaana antttagaan atatannttn acgcacttaa      360
ttnttagtct ggtgatatac catccaaaan gcntctnatg ctgggcacng ttgantcatg      420
cctattatnc cagcacttng ngaggccnan gcnggangat                                460

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<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3826

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nncnntttga ttcnatacan ctacttggtc tttttgcagg atccctcgat tcgaattcgg      60
cacgaggctc aatcaatatt tattgagtgc ctaogacata tcaggctcag ttaggagctg      120
gggataaagc agtgaccaa gcagacacag ttcttctctc agtgagatta taatccagat      180
gggataggct ataaataaag gaagaagtta acatatatca ggtggtggtt agtgctgctg      240
agaaaaatga aggaggggag agagaaaagg ggatgccaca aggctagggt agagagttct      300
gtttcataca gtggtaaaagg aaggcctttg tgttgagtgc tttgctctgg aacgacttta      360
ggatggggaa gagggcccagg tggcacctag acatttgaaa gtaagggtctg aggctgcatg      420
tctctacctt tattttcttt catgtttgcc tttcatggat tttttttcta tgtatctaga      480
attaaatata gaactagggt gaaatatccc tcaaaaatgg tatgggagca actattagaa      540
tgaataggac tcttggggcc aatgggatgg aatgtctggt tctggtcaag aggattgatt      600
ttgatactgg aatagaatat tcacatatat ctcccattg cctgactnca atgggtgcct      660
agctttccat caaagtggga cttggtgagg tggggatgtg gatgcatatt aattaaggta      720
cagctggcac cggcttaaat agaagggaag g                                751

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<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3827

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tnncnttcan acangctact tggtcttttt gcaggatccc atcgattcga attcggcacg      60
agaaacgacc acctttacga gaattctttg tcgatgactt tgaagaatta ttagaagggtg      120
agagaactct ttaccacacg tttcttccag atgctcctat ggtcccgtaa acaatgatat      180

```

ttttttctgc	aaggctat	tacttttta	gagcagta	cgtggcatt	gocgcgat	240
gggaacccan	gtagggagcg	ggtgatgttc	ccaggcagcc	ttgggtgtcgg	caggtctcta	300
aacctgggtg	ttagtcgtcc	tctgtgggag	ttgattttgt	tctgtgaccc	aggtcaggtc	360
tctctctaag	aactctgtaa	gagtatagaa	atacaagtaa	agtataaaca	tgtagaaaaa	420
caagtaaaact	ggggaaatcc	ttcgtctggca	gcaaaaactgg	cgt		463

<210> 3828

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3828

gcnnttgntt	nnatacanct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggagtt	ctcttgtgtt	ttactctttt	tacagtgaaa	ccagcagtg	gtgtagcagc	120
agtgcactg	ggctctttac	caatgatgaa	gggcgacaag	gtgatgacga	acagagtgat	180
tggttctatg	aaggagaatg	tgtcccagga	ttcaactgtcc	ctaactcttct	gcccaggtgg	240
gctcctgac	attgttctga	agtagaaaga	atggattctg	gattggataa	attttcagat	300
tccacattcc	ttttaccttc	tcggccagct	caaagagggt	accatactcg	cttgaatcgt	360
ctacctggag	ctgcagctcg	atgcctcaga	aaggggcgaa	gaagctggtt	gggaaggtga	420
tacctctcac	agttagcttg	gctcagtggg	gagataatat	tccctatggg	agttgtgtat	480
cctattaaca	atcagaggtg	ctacagaact	ccctgaagtt	aatggagcca	actggaatgt	540
gttgggagtt	tacaagagtg	aacattatgt	agcatgtgaa	tggatataca	aataaaaagat	600
gaaacgtaat	tcatatagaa	gtactgacaa	aaaaaaacac	tgtcattaca	gtgtctattg	660
cctgtaaacc	tacaagcctg	agctgggtctt	ctgtaaacttt	tgattaatgt	tatgttatta	720
ttgggtaagt	taaaatctct	tggtcttn				747

<210> 3829

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 3829

tttctttttt	gtaaacccta	cttggttctt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggtaaaa	caccccctac	agttccaatt	ctgggcctgt	cttctatcta	tctttgccct	120
tctggtccgt	tcctgtttct	gagccccagg	gaacttangg	ctgaaagtca	ccccgaagc	180
ctcagaccag	atcggggaggc	cacacgcagc	tcatggggac	agagggccca	gggtgacggg	240
ccactcatga	gaagtgttat	gtgactncag	ggagtctgtc	cctcttccgg	gctccaatcc	300
ccagcccaag	ctcagatgac	ccagcctgtg	tcccttttagc	ggccgangag	ccaccacctg	360
ttcgggggct	ggaggatggc	ttccaganga	cctgggacac	tcacctagct	cgttcatggc	420
acggcggtac	tcctcatcaa	aggacaagct	tcataacagc	acangtgg		468

<210> 3830

<211> 467

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 3830
 cnttgatncn tatacancta ctcnanctct tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggggggtctc ttctactgtc ttattggacc ctagcagtgg ctctgagcca 120
 gcagtcctgt cagttgattt cttgggtcgtt cctttgtttt cttctataat cacatgtgga 180
 ctccagaatga attttgagtt actctgaaat ctattttattc aacagatatt tacttagtac 240
 ctectattgc cagactctgc tttatgttgg atattatttt ttaaaagccc accttgcccta 300
 gatttctca aaggaccagg tggcttcctt ggttttgaaa gaccctaatt cttactatga 360
 tcttaagtaa attatatcct ttctgtgggc tcaagttcct tctaagaggg ctctttgggg 420
 ctacaaaaga aattgttagt gcaaaaagag tttataaggt ttataaa 467

<210> 3831
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 3831
 tntttnanta cttnnaantcn natacangct acttggttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa 120
 atttgacaga gagcgaatag aactgttttg cacggaatat cagaataata agaattccct 180
 agaaatccta ctgggaagta taggcagatc tctccctcat ataacggatg tttcttggcg 240
 cttggaatat cagataaaga ccaatcaact tcataggatg tacagacctg catatttggt 300
 gaccttaagt gtacagaaca ctgattcccc atcctatcca gagattagtt ttagttgcag 360
 catggaacaa ttacaggact tgggtggggaa acttaaagat gcttcgaaaa gcctggaaag 420
 agcaactcag ttgtaacttg ggggaagttaa cgatccgccc gagtgcagag g 471

<210> 3832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 3832
 tataccattt tgaattcnna tacaagctac ttgttctttt tgcaggatcc catcgattcg 60
 ctgctaaaag gcggatagat gttcagttcc tccatgaaat gagatttagt tcccatgtaa 120
 tggcattttc cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 180
 acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 240
 cactgcgagt atgactgact ccaagggtatt gaagtctgtg ctctaattgg gaattcaatg 300
 aacaagactt cagtgaatga acttttttag ccatattata taaaatgaaa aaggatctgc 360
 tcttcatttc aatctcctgt acaattgctc ctgaacagta gtacagaatt gtagagatag 420
 cacattatgc aacctggctt tttatctgag acatacttaa tgaaagcaca 470

<210> 3833

<211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3833
 ntcnnttggg ttcgatacan ctacttgttc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagccc ctgtgcccct tccccaggaa atcaagtccct aaggaataag agtttgttgg 120
 acagagttag gccttggagg gacacaaaac attgtaatat ctaagatttt tttcatactc 180
 tcccagaaag aaccaatttt caccctgggg tggcgggggtg gtaaaattgc ccctgttcag 240
 aatacatgct ctaataagcg gcagccatgg gattttatcc taatactgag tctagatgcc 300
 aaatcttttt caccctgtct caaaacaaaac aacaacaaca gcaaaaagat cactttggct 360
 gtttttatatt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc 420
 aggagaaaag caaatgagtt ttgaataaat attttcccct atctt 465

<210> 3834
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (469)
 <223> n = A,T,C or G

<400> 3834
 tgccttttga ntacngntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag aaagcatgtg tgttggggggg tgcgtatcat ttaccatgt gataagcact 120
 tttcataggt agcaaagaca cattatgtaa acttaggagg agggagagaa tgcaaatttg 180
 catgtgaatt ttattttgat taatcgcttt ttttgctttt cagcaatgtt atttatgaac 240
 aaaaaatta tagaaaaagt gagaaaaagt caattatcaa ttattttctg atgaacaaca 300
 acaaagacaa aaaaatgggt ggattgattt attttcccct gacagaattg attgtttctt 360
 taggttctat gcaacttgca gactcactga ggggtgaatgg aatgtgctga aaattcagcc 420
 tgacttggca gctccaaggg acacacctca atgtagagaa agcaggaat 469

<210> 3835
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3835
 cnncatntgg nteccgttcc aagccacgag cccattttgc aggatcccat cgattcnaat 60
 tcggcacgag gcacaggcca cggagagaga gaggccgggc ctggatgaag ccgtggggct 120
 tgggtccgtg cgaggcccan catgcttggg ggaaaggcca ccgtggctgt caagtgttan 180
 ccagggcnng agccgggctt gtgtttctcg ctcantntna nccatctntn atctgnttca 240
 aagggnattc aaaannccng ggtcagattg tttcttggat tacnctgatc gtctggcctg 300
 ccttatccac cctggaaagt tctaagcaga taatanntat gtggcatntc tgaggttttg 360

atgccccgag	ccgtttacaa	tatgcttccn	gactgaaagc	tgggccctga	ntnnctnngc	420
tgagnnctac	nttggaacc	acgttcccc	cagnctcatt	atcac		465

<210> 3836
 <211> 1039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1039)
 <223> n = A,T,C or G

<400> 3836						
ccagccanaa	nacngngana	aaaggncnga	cganacaga	nnnecgannnc	gacgccngnn	60
gaanaagcan	anancacccc	cccaggcggt	ggaacccttc	anagncgacg	aaggcagacc	120
cacganagaa	ccggcacgag	actgannaga	ncnggcncga	aaaagtgtgn	gccatactga	180
gacccacggg	cagccncncc	gccnctacag	ngncaggngg	accagggaca	ccnccggacn	240
gagcannacn	gagaannaag	gaancnangg	ccggcacgaa	gggcaaggga	gggannnctg	300
cacgggacgg	canaacngca	agccagcctn	caagcnggca	aganccagcc	aggnggcggc	360
aaaaacaaga	aacagcccga	ggcncagccc	ggcncncaac	caggcccnna	ncaagaaaag	420
anaagcacn	gngcnggacg	gcngnaccca	cacaacgggc	acgnaaaaag	ggcngcccgc	480
gnggacacng	cnnnncatng	gaaaccacn	ccnggnaaaa	ancaccanaa	gggggcccngc	540
anaaaacccg	aacnggganc	aagngccann	cagnncgggn	aaanaggang	naaaaacngg	600
ccagnnngcn	accgnggaaa	aaaaaaacgn	cnccnnnatn	gncgcnnenn	cnnnccacggc	660
aananaccan	agcgggacag	acannganag	canacanang	cgancggaga	ananggaaag	720
aaggggagaca	aaacagcang	annagcgaan	anggnacacg	cnacacgcac	agcgangnng	780
nancaaaagn	annncncgca	nnannagngn	gnangcaaaa	naacgcgang	agannagana	840
gnggacgcac	nngcncacna	ganggcggnn	ngacgnnncc	ccaaaacgac	nnacgnnnng	900
gagcaganaa	cgacgcacna	naaaggacgn	anganncann	nccnggaana	aagggnagaaa	960
nngnngnacn	anggcgacnc	caggagacaa	canangnnaa	agcnaagccc	cnagnacaaa	1020
agcaccaaaa	naancnccg					1039

<210> 3837
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3837						
gcnnnttgat	ntncatacan	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgagctg	ccttccaaca	aaatcgtaa	gcgggcagag	gagttggtgg	ggcaggagtt	120
gccttattcg	ctgaccagtg	acaactgcga	gcacttcgtg	aaccatctgc	gctatggcgt	180
ctcccgcagt	gaccaggtgc	atcttcagcc	tgcattccc	tcccaggagc	caggccactc	240
cctcagctgc	cagaggctgg	gtccctgctg	gggccagggt	gggatggaaa	tagacatgag	300
caagacaaaa	tagcagatat	gaaactgttg	tccttgaggg	tgtcacattt	gggggtggga	360
caagggtggg	gagataggca	agtcggcaat	gtagaccagt	gcagtgggtt	gggggggtggc	420
cacagaaggg	agtcacagcc	tgaaacagcc	ctccacagcc	ctagaggccg	gctttatgat	480
tcccacttta	cagatgggga	aactgaggct	caccgtgctt	aagtaacttg	tccaaattca	540
ttaaactcct	agttattgag	tctctagtc	atgtcancca	tgggtgaagaa	cgggggagtt	600
aaacctacat	gtgttctctc	caagggcccc	gatcaaggaa	agcttttgta	gaaanangtc	660
acacccgagc	ccacctgatt	taattatttt	gattaatctt	gaaaaaaaaa	tgaacctgga	720

gattaccagg gaaccggggg ccaataanga agtgtagct

759

<210> 3838
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3838
 gncnntttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta 120
 tgatttttcg aaggggattt tgctcatatt aaggggttgct ttagggatgt ccaggaaggg 180
 tcaggtaagg aatctttcaa tctgctttct aattggctta gttttccac tgtcttcgca 240
 aaaggacagg aatttccagg ttagtttgca gcttgcttt catcaagcga aatgctcatg 300
 ctgttgggta gatggtaata gaaaccttt gctaccttta tttatcaaga gttgtggagc 360
 cgaggaaccg tgtcttgga gttgtgcagg attgaaactc acaaaaaagc ctgtttgaag 420
 aagttgttac ctatatattat tcaaggcagt tcacaagcct tatactaact ttgcggggtc 480
 tttcagttga gcttacatga ctgcgcttg ctttgtgcct tggcagccaa catttgccat 540
 gcaggaggct tcccagaaag gttcggattc ctcttcaagt ttgagaagcc tgactgagac 600
 cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc 660
 accttgtggg tggaaatgag ggtttgagat gccaacctt ctgtgccttc ccacaacttc 720
 caattgtttc cattgctcat ttgaccaacc t 751

<210> 3839
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3839
 nccnntgaa tnccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
 tcggcacgag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtgtaa 120
 agggctccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
 ccagattttt gagataaatc aatttattta tttgcaatat ttacatgcct acatgggttt 240
 ttaaagttat tttaatgtat ttttaatgat taaaaaatta tgtcccgtat ttattagtca 300
 ttcattactt accattattt gcatttaate cttaaagcag aagtgtacaa aaaagagatt 360
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
 ggaaataatt ctgtctactt tttgagtgtg ttttttaatg cttttacttc tgggtgtgggc 540
 atgctggatt ttatatctt aaaaaccaat aaaatttgga aggcattgcc tctaaatggt 600
 acctaaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca tattttatct 660
 catagaaact gattcctggc tggcctggtg gctcacacct ggtaatccca acactttggg 720
 angttgaagc agggggatgc ttgacccttg 750

<210> 3840
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3840
 nccntttgat nccntacanc tacttggttct ttttgcagga tcccatcgat tcgaattcgg 60
 caccgagatta gatactatag taggttaata atgactaaca ccttggtcatc tcatcactga 120
 gcttttgtct aagatagtct ctgaatttag aactgggacg aaagtgtaca taataggcta 180
 ttataaaatt tttagaattg gatttctaaa cttgggggtca gtgaatctag caggcttaag 240
 cagtgttctc aggtttttct ggcacagaca aggaatataa gaggaggaga gaaaaggaga 300
 gacagtagtg ggagggaata gaatgagaga agatagaaaa tatggaatta atagagaaag 360
 gatacatgaa gtattacaag attttcttgg aaaaattggc atttcagtga tggatcaaag 420
 atgtctaatt aggcaaaatc tactattact taaatattta atgtttttaa gatttgagga 480
 taaaaggata tagatctgat ggcgttcata ctaattgctg tagtggtgat gttggagaga 540
 ggggtaattgt atcaagacag agcagacaga ccctttacaa tgagagcaga agatatgttg 600
 tttactgatt ctactttccc acaaaatgct aatgctttta taagtccctc ctccttattt 660
 tctagattaa ctcctgtgtt cttcctctaa accagangat tatggcagac aggcaaaaaa 720
 aaaaaaaaaa aactcgagcc tttanaacta t 751

<210> 3841
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3841
 aaatacacaa caggcaagtg ccgtatacca ggaattgttc aaggagagca ggtagtttgt 60
 cttatattct aacgtgggag aaagaaagca aataaattac atgaattgat taattgatca 120
 gttgcatggc ttttagtata catttctgtc agtctgccaa ccagcacagg tcccttatta 180
 gcatgggaga agggcctgat cactgaaagt attatagatt tatagagtat tgaaaggaaa 240
 cttaaggaaa ttgggggcag tggcctttta gaaaacagcc taactccatc agtgacttct 300
 gcttgcttgt gcctctcata tgtgatctgc tactggcctt tgttacttct ctctgaaata 360
 acacaaaaat tatgttttag gctctcattg acttcaactc caaaccatat gttacttctt 420
 ttaaaaacat aatttctaaa aaaaaaaaaa aaaaactcga gcctctagaa ctatagttag 480
 tcgtattacg tagatccaga catgataaag atcattgatg agtttggaca accacaccta 540
 gaatgcagtg aaaaaaatgc tttatttgtg aaatttgnga nctattgctt tatttgaacc 600
 attataagct gcaataaaca agttaaccac caccattgca ttcattttat gttcaagggt 660
 cagggggagg nggtgggagg ttttttaatt ccgggccgcg gggcccatgc attgggcccg 720
 gtccccactt ttggtncctt tagngnggggt naatgcccc tggcgtaaac atgggcatag 780
 ctggttctctg tggnaaatgg 800

<210> 3842
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacaencta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccacg	agcttcttga	gagcaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttgtttg	gcaaattgcc	tgggatacag	aaaataagga	caaggctctg	gtgtagtggc	240
ttatgcctgt	aatccccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgtctct	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtgggttccca	cttgcaatcc	cactatattg	gaggctgagg	cgaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcantactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggaggttggg	gcttcagtga	120
gccatattca	caccactgcg	ttccagcctg	ggtgacagag	caagggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgcttttttc	tctctctctt	tttttatgta	gaatttgttt	240
gttgatactt	actgaatgta	gtgaccctgc	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaat	accagacagc	cccaaataac	aaatgctctt	ttgtgttttg	ataggttgga	360
tttctgtttg	cttaatatg	ggaatactgg	ggggaaaaaa	gatgggtgtt	tcattctaag	420
gattgtccta	aagaaagtgc	tactttatgt	ttaagaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccatggg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgttgtcac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattaggca	atgtgtccaa	atctctcatt	720
ttctttatag	gtaaagaaag	cattcttatt	tgattaaat			759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (954)

<223> n = A,T,C or G

<400> 3844

gggnntttt	tttggnnnaa	aaantttttt	ttncceccca	nnaaaaantt	ttnttttggg	60
gnaaaaacca	nnccccccct	tttacctnng	ggggaaaaac	ccttttncnc	cnnnggggcc	120
cnangggggg	aaaaaccccc	ccccaaancc	cgggaaannt	tncccggggg	naaggcccaa	180
aaaaaanggg	naaggaaact	tngggnnntn	ccctcggggg	nngggaaaaa	aaatgggaat	240
ggtaaaaaat	ggggcccaag	ganntaacc	aaggggncca	aatgggggng	ggggggaag	300
aaaaaaagna	aagggggntn	ncncctcccc	taaaaacncc	caccaanggg	ggggaagcca	360
anggaanttt	accccnnggg	caagggaacc	aataattaac	ccttggaatt	acccnngggn	420
acccgggcat	ctgggaaana	nggnnnacnc	atgtggagta	naacaanggc	ggctaataca	480
nccaaggggg	ccaagnnggg	cacacatnca	tncnngctcc	tggaaacngc	atatgcnatg	540
ctctctctta	gaacactngt	ccattngcca	ccggctcttc	acatgaccaa	ancctacatt	600

ggctccaaaa	atcnccangt	aaaatggcac	ttccccaaag	aaggggggaaa	ttttnnaaaa	660
cccccccccg	acgcaggcca	aannggaccc	cctggggtac	ttaancanag	ccatcccccna	720
ncaanacttg	gnagcactna	aaagnagang	gggggganaat	anctgggncg	gacaacacgg	780
cnactctnng	gctcaggatt	aagngggaaa	gnnggaanaaa	ctgggggtnt	caggacnnga	840
ntccaaactct	aancgggggg	gttaaaggga	aaaaattcnn	ggactgaaag	gggnggggan	900
gggggggaacn	ggctccagaa	aaaggaactc	cataccctcc	tttaatcaca	gaca	954

<210> 3845

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3845

tgttaggcaa	ctgatgacta	tacttatttc	acaactggta	atgtgaatta	ttattgcata	60
aactatagtg	ctgaggcccc	agtctttaca	cttccattta	ataacttcac	agtttcatat	120
cttcttgaga	tacttactaa	tttcaagtcc	catcttggtc	acaaggagtt	gtgaattaga	180
gaacaattaa	tatcaccagt	taaagaagtt	agattagaaa	tctgaaccat	cctaaacata	240
agaagtacct	gcactcttcag	agtcttatcc	caaagccgtt	ctgctaaatt	gttcaatttt	300
ctccatagca	gagctttcca	ggcccttatt	tggaagtgat	ttatctctat	gcacagttat	360
gtatggatag	tatacataat	actagcaagt	gttattacct	agtgttaact	ggtggngtat	420
ttacatcaaaa	atataactta	atztatcgat	atcttttttag	gggtttccca	ttaatcaaaa	480
cacgtgatat	atgtaatcag	ttgcangttt	tctgtgactg	ngacagtaga	gagtccttca	540
tcctctgaag	ttgaagaagg	tggatgattc	ttcanagagt	gttcatgaaa	gngcctggga	600
aaactagtnt	tgaacaagaa	gcattaccgg	gaaaactggg	aggagtgnct	aaagccnttt	660
aaaggaagaa	agaatgataa	ggcttaaggg	tggtaaaccn	antcaatgaa	cctgggacaa	720
tgaaaaagnc	ccccttttaa	aaaaaataaa	atttntnttt	ggtttggaag	cccttcatgc	780
ncaggcattt	gacnaaantn	aancccgga	tgaaaaaagg	ggtttttg		828

<210> 3846

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 3846

tngttaagca	ttcaattttt	agatncattt	ntcacaaatg	catgattctg	gccctnaaat	60
ccgnatatnn	gcataatntc	ccnttcaggg	gggatacana	aatgggnnta	tgacacact	120
antcngngng	cacgnaaatt	tctggtgggt	gnaactggtc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgatgttga	actatgaaag	240
atcctttntg	cgcttaattt	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattt	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcataatctg	tgcccagaa	tcttttggtg	480
aataaattn	aaanaaaaaa	cccatTTaaa	aaaatgaagg	nggaaccatt	cnctttnaaa	540
atcaagcnaa	ttnggcttan	cnttttaaaa	ttaaccncct	gggttttatt	aacncggng	600
ggtaaaagttt	naaaaaaaa	aaaaaaaatt	tttttaaaang	gggaaaaatt	ttnaaaaggc	660
cntttaacaa	ngggggnaaa	ccttaaatcc	ttttccantn	aaaaanggnc	ccctaaaaaa	720

aaaaanggtt	acnttnngtn	aaaaataaaa	nttttttaac	ccccctttcc	ttnggggggc	780
cttttttcat	tnnttaatat	ccccaaaatt	tttttttttt	tttnaaangg	aggggggggg	840
nannnntaat	taanaacaat	naatttttaa	anaaanaacc	anggggggtct	tttggttttt	900
tgtttggccc	caaaaacttg	gggaggtgcc	agggggggtt	ttttnaaagg	ncccccaatt	960
ctttancttt	acctggtaga	ngggaatccc	tttgcttggc	ccccattctt	tttgganana	1020
ggnttggggg	aatatttggg	cctttt				1046

<210> 3847

<211> 1021

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1021)

<223> n = A,T,C or G

<400> 3847

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ttgtacatgc	aatgttgnan	cttcaggtnt	ccaaggtgga	taatgttggg	catnancatc	180
ttgctttggg	gcttgnnttt	cnaagactca	tatgtatngc	cctttnttta	ttttnaagnc	240
ntctnantgg	ccccaccng	nngagttttc	ttgaatgctt	cnngagaaaa	tttcccaana	300
anancgnctt	tnaccncaaa	cttccccctt	atgggntaac	tttancanta	aaccccggaa	360
ggancnttta	attcngcnaa	cccantanaa	aaanttgnat	cntttgggcn	ccaaantnnt	420
ttaggttaan	ctncaatgta	ncnannancc	tgtnntntct	tgtaaattnn	tcaccaagna	480
cnntnttgct	nattgnccac	gttccntnng	gnnggtccnc	tatttttggg	tttggttaaa	540
angaagggtc	ngncntatng	gggccncnng	naaaantgcc	ccnanntctt	cnannaagna	600
accttgnaca	accaannccc	ttcttnagna	nttcnnnaaa	ccanttgcan	ttggttcnggc	660
tngctttgta	atttncaagn	caattctttt	gnntaaccce	tngtttntnn	tnncagaana	720
gggaaattcc	ccggcntcaa	ttaaagggtg	gcctggcnan	gatttnanna	aaaannnnna	780
nnnaaaatna	tngnnggcct	ttttnaaact	tnnnnnnggat	ggcggattta	cnnnagtant	840
nnccnngcat	gtnantagnn	annacatgtg	nnttannttg	ggaaccaanc	cccacctttn	900
nantggcgtg	nnnaaaaaaa	tagctttttt	cgggnaaatt	tgggcaggcc	tatgggnatta	960
ttgttntaac	atttattngc	tcnngatnna	nnnttnacnc	cacnntcgcc	tctatttctn	1020
c						1021

<210> 3848

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (898)

<223> n = A,T,C or G

<400> 3848

tttggctcctg	gagtntnate	tacttactgn	catcttccnc	ggncnttgge	ngtgccttgt	60
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aacacngtgg	gctgacttgt	gnntctatnn	nanatngccg	attatacaan	cnngngntcn	180
ctggncaann	actantgntt	nagagnnntc	tnnaaccenn	nccgctgttn	cngctggnc	240
gancngangg	netttgtgtc	agtnactgnt	tcccttttnc	caggnnnnng	ccctnganng	300
catactntnn	tgctgtctnc	agtgtntnng	ggancntttn	ntcanngana	ngtctcncgt	360
accngnnaag	gaacatntnt	ggantgacat	nnngnngantc	tctngangta	tggggaaacc	420
canganngtg	gtcaataang	ggccctacaa	acatgtttng	gaaggctcct	anggcattng	480

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ggnnaaacat ntncacnnnc tatacaagtg gcttnncaaa gngaaagcgg ttattcntnt 540
antaactenc nnnacnnggac ccannantga ccncggcttg nnaccntggn naaccnntc 600
ntngaactac gggccnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660
canccacaaa cctggccttg ggnaaathtt ncggttgcat tantaaaaant ganggggggc 720
tanctgcttt tgggcccctt ttcnaccttn tttntgangt angntttttc ntttttantc 780
ncgnncantn gataagaata ncntttgggt tgaagttttg ggtnccaacc nccttcttnt 840
naattttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgnggn angcttnt 898

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<210> 3849

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3849

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gaagttcaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60
ccacttaacc tggcaacaaa aagttaatgt gttgggtccc tttgggtgtat tatattcagt 120
ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtattt 180
tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240
tgaactacta agggaaaagt tcagaattca agtctagact tcatcacttc atagctctgt 300
agcttttaggg caggttcttt agcctctctt tgtctccgtt tctcctgtg taaagtaggg 360
ataataaaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420
aacatttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480
ttgctgttct agtttataag aacagggtgtc agaatccagt tttgaaatga aagcccagaa 540
ctgtgagaaa tgatgggttt ctctattaga tgttctagga aataaggaaa catcaagaat 600
aatacagcca tgcttagaac aagttaaata tatgtccctc ttggcttttg actttctctg 660
tcacttccgt gctgggtctn ctctttccag nctcttcata ctctaactc tggtctcagc 720
ttctacttgg actccntnga agggatagaa aaaaaaaaaa aaaaactcga gcctttaaac 780
tataggggtc gnntacgtan ancc 804

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<210> 3850

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3850

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catggttgtc cagtacgcct cccagatccc cagctcacgc cagacacagc ctgtnctcca 180
gtcccagggt gagaacctgc tccacagaac ctactgtatg tggagaaca agagtccctc 240
cccagtccat ggggcaggcc cctcggtcat ggagatccca tgggatgatc ttatcgctt 300
gngtatcaac cacaagctga gagactggac gccccccgg cttcctgttc atcagaggcg 360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga 420
tgttcctttg tcgtgggaac aagccangtt gcanacgcan aaggagctac agctgataga 480
gggacgtttg gcaataaaaag cctttttcat ccttctgcaa acaattttcc cataccattg 540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc 600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtgg 660

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ttntcgagca	ntcttgcttg	ttggggnaaa	gaaagaaaac	caagaggggt	tnaanaatca	720
gccttcacca	atggntgggt	tgaaagaact	caggangcct	tttacgggtt	ttaaactttc	780
cttnccccn	ttnttctttc	ctcagacttt	tagnggtntc	tttttcacac	tnttggaaen	840

<210> 3851

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 3851

tttattgacg	ggaagaggtc	atcttttttt	ccttctgaaa	acaaatatgg	attaattgcc	60
tcaaatttgt	ataagtgatt	ggctagtgat	tcttgttttc	agaagggaga	gtggtataga	120
tagaaaatga	caaagatggc	aatatacact	taatgttggt	attgtatgtt	gttactgaag	180
tacttagatt	tttaaaattt	caaactcctaa	atcacttctt	gtaggagggg	tttcattaac	240
tgcagtatat	acagttcact	acatatgggt	tgtttgagtt	ttttgtgtgc	tgtatttctt	300
tctgtttttt	aatacctggg	tttgtagata	tctaactctg	ttctcttttg	gttggttcaga	360
aactggattt	tttttttctt	aagcagtgtt	taatttgtgt	tttttaattt	tgattcanaa	420
gtagtccag	ctcataggtg	ttcatactgt	tacatccaga	acatttgtca	ggctctctgt	480
cagctttcat	gtacatatgg	tatagaaacc	catggagtta	ggcacttcc	ggattttttt	540
tttatgagaa	aaaatctgta	tttaaaatgt	aaaataaact	tttaaaaaag	canggcncta	600
atatatatatt	cttnccgctt	ttgattacca	aatttgtccc	ttgcncatgg	ttaaagatga	660
aattatcttc	ctaaaaaata	tcaatgggtc	ttggggaacc	agggggattg	ttacntttac	720
cataaccaac	nggttnccctg	gcaatggggg	tcatgggtcaa	aaaaattttt	tgggtttttna	780
aacttttntt	attnnccctt	tggtctgggtg	gattaagncc	aagnncaaag	ngccgaattn	840
c						841

<210> 3852

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 3852

gataatgaaa	ataaaaattt	tgtgggctct	tcatagtggg	tactttgatt	atgtgtgata	60
atactgtgct	gtgacaaata	atataatgaa	gaaattaata	ccaagattgc	tattctgaaa	120
gattaaacat	tctttaatac	ttagatcttt	catctgttta	tgtaacaaac	cctaacatac	180
aggcttaatg	ccttgcagat	attaacttct	ttactttaat	ctttgtaaca	gtcccatgaa	240
gtagggtctat	tattattaca	ttttccattt	gaggaatata	agacataaag	atattaacta	300
ccttgcccaa	cagctaatta	gtgggtggagc	ctacttttga	actcagacac	tctggctcta	360
gactcttttc	ttttattaac	cactgcacta	tggttacattg	tttttttatt	tttaacttaa	420
gtgtgttaac	cttgaatttg	aattatgttg	tattagcctg	gtaagtggga	tcacagaaac	480
gtgtccactg	cctagatggg	aagagatcat	ttgtctttca	tctttgcata	cttaacatca	540
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taaaatgcta	atgattcttg	aaaatgggtc	gacctttaac	tgctttagtt	gaacatttta	660
gacaggagct	aatattttta	acaaggatag	caggaatcat	atgttttatt	tctgatcctt	720
gacaaagctg	aagagttgca	tcttcataag	ggnttcactn	tntgntacac	actagactac	780
ttgcaagggg	tgcccn					796

<210> 3853
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (827)
 <223> n = A,T,C or G

<400> 3853

gcataatgtgg	gaagtgnngtg	tcccgtccag	gcctgtgcct	cggnccacag	caactgnnttc	60
gtgtgctgga	gacgccccaga	ccgacaggcg	aatggntcga	gtgcacctcg	atccgagtct	120
cagcacctag	actaattagg	atgacctcag	agatgctgaa	gagtaccttt	ggtcagcctc	180
agnctttttg	nttttggttt	tttttgagac	tgtgtctcac	tccgtcaccc	aggctggaga	240
gcagtgggtgc	gatctcagct	nactgnagcc	tnaacctctc	agactcaagc	tattctccta	300
cctcagcctc	ttaactagct	gggatcacag	acatttgcca	ccatgcccgg	ctaagntttg	360
tactttttgt	agagacaagg	gtttgccatg	ttgccaaagt	ggcttcaact	cctgggctca	420
agtgatgcct	gcctcagcct	ccaaagggtg	tgggattaca	ngcgtgagcc	accgcacctg	480
gcctgttatt	ttttaattag	ctgnngaatt	tttttttcca	nataaaatat	tataaaattt	540
attaaaaact	ttattttctca	aganggggaa	cgnggaaata	ctaattcccc	aatgggttcc	600
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ttttttgggt	gggttngaga	anggaagtct	tgntnttgct	tnccaggctg	ggantacaag	720
ngagcccag	aacatgcccc	ctgnattcca	nctggggnga	caaaancccg	acnttttttt	780
aananaaaaa	nangnnnnnn	annnnaaacc	cgggccttta	aaattttt		827

<210> 3854
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (826)
 <223> n = A,T,C or G

<400> 3854

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tctgttttct	gctgctgcta	atctcctcct	gaagggttgt	gtggcttctt	gggactctgg	180
aaagaaactg	caggggacga	ggacaaaagga	aacagctact	gtagtactctg	cagctatgca	240
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ccagaacaga	gcgggtgggc	catcgctctg	caccacagct	gccagggctc	aaaccttggc	360
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gatntttgta	tattgggggg	naattttctta	naagctngaa	agttattnaa	tgctgcttat	600
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cccaacagcn	caaggggttg	cttatatttt	tggggngnga	nggaactggg	aaccnagggg	720
gaagtcacgg	gnctttngcc	caaagttacc	cccgaagtn	aagcgtttaa	aaccaagaaa	780
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<210> 3855
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (812)
 <223> n = A,T,C or G

<400> 3855

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accactggct	cctgtaactg	cttggcctag	ttctaacttc	taaaatgttc	tcctttcctg	180
agagtataat	gaagagccag	atactttgtg	atctttctat	cattcctctg	gcttcttgga	240
cttccttaat	gattgagctc	agatgctgga	gtcacatcgt	ctggctatga	aatcaagctc	300
tgccatttac	tgggtgtgac	cttgaacaat	tacttaatct	ctccgtacct	cagttttctc	360
agataaaatg	gagataatag	tgacatccac	ttatTTTTgt	gaagatgaaa	tgaaataaag	420
catgtaagct	ggttatcaca	ctgtccactg	gtggaggcat	ggtaattgna	tgaaggggat	480
gacgatgatt	gacnatgacn	atgatgatga	tgatggctcc	caaccttaag	ggcttattcn	540
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atntattaga	aaangnagca	actacggngg	gagtcaagta	aatnctaaac	accctctgcc	660
tcaatctgta	tggntttgaa	atgtccttta	nccgtcttga	tttttacata	tctatgaaaa	720
ttttgnggtg	catgggggtt	aaacaaaatg	gatgacttaa	gccnttggga	agtaatttca	780
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<210> 3856
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (835)
 <223> n = A,T,C or G

<400> 3856

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tattttgatc	actgctatat	gcttctagtt	cctcaatcan	natctgccac	agaggaggcc	180
ctctaaattt	tttgtggaat	tacttaatga	aatgaatgan	tgattattcg	ccttcacagg	240
attgtgtgag	accatataan	gtgtgtagag	cggtttgacc	tcccaccatt	gaaatgctcc	300
ttaccattag	catctaaagt	gattcactag	agaaatgtgt	gtgctctcnt	gacagtctgc	360
ttgttccacc	ttgctggaat	ctaaatccac	gagaatcctg	tggtcatttc	tctctaaaga	420
ataattacga	ccatntaagg	taatagctaa	agaatcnaga	cctgtaagaa	ctcttancan	480
gtacagtggc	ctgtgcctgn	agtcccagct	actcangang	ctaangtggg	aggattgctt	540
gaaccntga	gtttgnggct	gnagtgcctt	atgattgtgt	ctgcgaatag	ccactgcatt	600
acagcctggg	caacataagg	gaggaccatg	cctttggaaa	aaacaaacaa	cttnttggga	660
agtctcctaa	ataacotatt	tnaaagaggt	caacaatttt	gcccgggtggg	gttggcgngg	720
taaaggacaa	aaanttgcca	ttnggtttnn	atntttttaa	ggnnnnaggg	ggngggggnn	780
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<210> 3857
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3857

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gtctgtgagt gaccagccag gccgttctgc tgctgatcac tgggtgaagg atgaagggtg    180
tgacagctgc tcaggctgct cggtgagggt ttactcacca gaaagacgac accattgcag    240
gaactgtggt cagctcttct gccagaagtg cagtcgcttt caatctgaaa tcaaacgctt    300
gaaaatctca tccccgggtgc gtgtttgtca gaactgttat tataacttac agcatgagag    360
aggttcagaa gatgggcctc gaaattgttg aagattcaac aagctgagtg gagaccatgg    420
tctgtagacc ccttcccgat tctcctgtcc cagcttggaa ggcattgaaa acagtctccg    480
tttacacatc tcttcatacc acgtgtttga agtgttaaaa ttcaaagga tcatgaata    540
aaacgggtgt agagtacagg aatggggcag acgcgattca ggtgaacagc acaagaagaa    600
tatgangtgg ttcctaggag caacactttc gacctncagt cttcctgatg acagtactgt    660
ctncaagaga aaaatcctca cttattaact ctcttttctt gcattctatt ttatagagct    720
actcatcctt atttggaata accancacca aaaaaggctt ttagaaaatg gt          772

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<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3858

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ctctggctct tggaaaaggg cagtgtctct aaaccagggc aaacggtaaa tgtggggcat    60
aggcaagagg gtcccgggta ggtggccact tcccatcat gctcgtttct cattttgtgt    120
tttttagtaa naaaaacaca gtgtgttctt ttgccagac attaactttt agaatgcctg    180
tattttctaa tgttgggatt tctttcaca ccaccacct taatatttcc attgtgactc    240
agaaaatcag acttcattcg attctttaga gaactataaa tactgttgtc agtagagtga    300
agtcttgtct tatgtaatcc taattacaga atgtgttctc agaagaggta ggctagacca    360
gagctgggca gaccacaggc agaggccaaa tccagccccc tgccgatagt agctaataa    420
agttttacac ccacttggtc atgtattttc cctggctact tgtgggcagc aatgccagag    480
tcaagtcata ataacagaga cagaatggcc tgaaagctgg atttactatt tcaactttta    540
cattaaaact tgatgacccc tgtgctagac aggcagctca tttctgcagg taaaattata    600
ttcatctncc aactttcatt ncaaaattga acctatatta ctgaggccca aaaaannnnn    660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccctn ngccctttaa    720
aaccttttgg gggncgnttt nccngaacc nccctganaa aaaaccttgg tggagttggg    780
ccaancccc nctttnaatg ccngaaaaa aattnttttt          820

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<210> 3859

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3859

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ggtgnttccc ctttgaaacc ctttanacaa gctacttggt ctttttgcag gatcccatcg    60
attcgaattc ggcacgaggg tgggcaggca gctgcacctc attcctgaga ccacccgggg    120
cagggtcttt ctgactgaga cacacgaccc tgacaccaga gagaattctg tatttcccca    180
cccttgccagg ggctgcccct agagaatccc atcgggtgag ccaggaacc cacaagttct    240

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gcacccctcg	gatgggtagg	cattttgagg	gcatgaggta	ggcgttacag	tgataagata	300
cacagggctc	taaaccacag	aggccccggt	tcaaatcctg	cctcttctaa	gtacaaatta	360
gttggctttg	ggaagtgagt	caactttgcc	cggggtgca	gtttcctcgc	tgtcaaatgc	420
atgggagagg	gtgtgtgaag	agttaaaatg	tatttagatt	tcactgtagt	gtctcctcca	480
acatgatctc	acactccttt	tacagtataa	gcaggctgat	gtcagaggct	gtgactcgcc	540
ctgccaggtc	taagaccgtg	gggcgtggtc	acagggtacta	ttttangact	cctctnacca	600
caggcactga	acttggggct	tgcatatata	tcacccatt	actcctcaga	agatactgta	660
acgtaggatc	ttttattggc	tntattgagg	cttaatgcat	ccattttang	nggtacaatt	720
tgatgagttt	tgacaaaagt	ntaancttgt	aaccacaatn	nccganttca	tgacact	777

<210> 3860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3860

gnnntnnnc	cttgaaaccn	ttatacanct	acttgttctt	tttgcaggac	ccatcgattc	60
gaattcggca	cgaggacaca	ttaaaagaga	gatatcaaaa	aattggtgac	accaaaggga	120
atactcccat	tgaagctctc	tgtgagaact	ttccagagga	gatggcaacc	taccttcgat	180
atgtcaggcg	actggacttc	tttgaaaaac	ctgattatga	gtatttacgg	accctcttca	240
cagacctctt	tgaaaagaaa	ggctacacct	ttgactatgc	ctatgattgg	gttgggagac	300
ctattcctac	tccagtaggg	tcagttcacg	tagattctgg	tgcactctgca	ataactcgag	360
aaagccacac	acatagggat	cggccatcac	aacagcagcc	tcttcgaaat	caggtgggta	420
gctcaaccaa	tggagagctg	aatgtttgat	atcccacggg	agcccactcc	aatgcaccaa	480
tcacagctca	tgccgagggtg	gaggtagtgg	aggaagctaa	gtgctgctgt	ttctttaaga	540
ggaaaaggaa	gaagactgct	cagcgccaca	agtgaccagt	gccttcagag	agtcctcagc	600
cctggggact	ctgactcaat	tgtacctgca	gctcctgcca	ttctcattg	gaanggactc	660
ctctttgggg	gaaggtggat	atccaaccaa	aaaaaaaaaa	aaaactcgag	gcctctagaa	720
ctatgtgagt	cgtattacgt	agatccagac	ttgatagatc	attgt		765

<210> 3861

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

ggnntnnnc	ctttgaaacc	ctttanacaa	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	gagactgtct	caaaaaaatc	aaaaaaaaaga	aaggggatgt	120
aaaataatcg	ctgcaagtta	cagtgttttt	cattaatgac	ttccaaatgt	ctcacatgta	180
ttgtctcttc	ccagtagcat	aaacaaagat	gcaggagggt	gcaatgagtt	cctacaggcc	240
ctagagctga	cggtaggggt	gggaatacac	ttcacaccgc	gtcttcagct	gtgttccttg	300
tggatgacat	ccactggaca	gccaattgat	aaaaacagtt	atcagttcta	aagtgttagg	360
acaattacag	cttattcaaa	gaaaactcaa	ttaaggagga	gttagtaaaag	ctagtattgt	420
tcttatcgtg	tgcaatgctg	cagtgtcggc	tcactgcaac	ctccatgtcc	caggetcaaa	480
tgatcctccc	gagtagttgg	gactacaggc	atgtgccact	atgcttggct	aatttttgta	540
tttttttata	gagactgggt	tttgccatat	tgcccaagct	ggtctcaaat	tcctggacgc	600

aagcctggat	ttgcctggct	gccatttctg	ggttttgccc	caattcagtt	ttttatgaca	660
ggcagaccag	tgagtagaat	acagttcttt	ggataaagga	caaactgaag	cactaaaaat	720
ggagagtcac	tttaaagcaa	aaaccagtgg	aaatgtgtac	ttggcttcac	c	771

<210> 3862

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3862

ggtgnttunc	ctnngaacc	tttatacaag	ctacttgctc	tttttgcagg	atcccatcga	60
ttcgggaaaa	ataacatggt	cactttatga	aaggaagaac	caggnaaaaa	taatagaaaa	120
taatgaacat	gagtggagat	atagatgaaa	gctaaataag	cattcactgt	gtcttatcaa	180
gagtgactaa	taagctgaca	gctttatatt	agttctggta	agcaaattaa	tatcatataa	240
atcattacaa	tttggataaa	gcaaaacctg	ttatcaaatt	taaaaaactgt	ttaataattc	300
aacactccag	tggtttgctt	tgtttaagca	aaaggattct	ggccaagata	ttttacttca	360
gctctctgcc	aaagatgaca	attgtcagtg	atttgtccag	aggggggact	taagtctttg	420
gtaaggatcg	ccaacagctg	gaaagtattt	attgcataaa	atatgtccat	gatactttac	480
caacattgta	gagaatgtaa	gctataaata	cagttatatt	acaaagagtt	tacaatctaa	540
aattaaacac	aagaatttac	ggaaaaatca	ccaaaacaaa	ttaaatggaa	atatcatttc	600
acaaggttct	ttaatttttg	gcatatatatt	tgataataaa	tacatatgtg	ttntagctat	660
cttacttctc	ttcttattct	gatttnacct	nntgtggctc	cctgctg		707

<210> 3863

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 3863

tgnngggcna	ganacccgnt	ngggctgcaa	gggccggctt	gaccnaccgn	atnccggggc	60
ananatgcct	gtcnagnn	caaaggaagg	ttgtnnccgt	ttacgcctat	tggtggaaaa	120
aanccnttn	tngaaggctt	atcctcaaan	ngcnmntngc	gttcnccga	ctggccggtt	180
atnaccnct	ggnaagagg	ganttnattn	nacccgctct	tttttanaag	annnnaaagg	240
ttcngcatnn	tggggcnnnn	gnncacactg	gctttgaana	gcnanagctg	agtgacatcc	300
accagatnc	aaaatggtna	catgtcaact	gtggccgaaa	acngggccgc	actgncccat	360
ccgctcttcn	ggagnttgtn	ggccctttat	ncgcacnaaa	ttgcagcctg	ccggatactg	420
tattcacaca	ggctntgagg	ggggagggat	tgtnntcaga	atgcattaag	cgnttnaat	480
agcctgcntc	ngttgctttg	tcaantggtc	tnnacatgaa	tgcccgtccc	ctgaatatcn	540
ngtaatcatc	tatcnacct	gggatcgcaa	nncgttaaaa	canaagggca	agtgacggng	600
gtcgtactgn	gnaagagctc	c				621

<210> 3864

<211> 790

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3864
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 tcgattcgct cagcccccca gtttttatgt ggacatgttt tcatctctct tggatatata 120
 cctaggagtg gaattgcttg gttgtgtggc aattctatgt ttagcattcg aagaaattca 180
 ttgaatggta agctgaaaag tgacgtgggt gaattttctga tttcagaaag atcactgatg 240
 tgatgagaat gaataactct ctggagtgtt aggatgtggg ggcagggagc tagcttagta 300
 tattattgca aaatcttgcc aaagatgagc tgatcaaatg agaggaagca tgaactaaga 360
 ggggagcagc aggagtggaa aagagagata taatgatgct agtacagagt ttatatattac 420
 agaacttgaa atgcagctca ngagtgggag gagtcangtg gtgccaagcc tacataaatg 480
 agcatggtgt tgcttttgac aaatagggag aagcaganag ggggaataaca tttttagttagt 540
 tcttaatttc taatatgtct tgagataggt ctctaattat atgcagctca attnacagat 600
 gaaagttatt ggtttatcat gcattcatct ttatgaaaag aaaggattcg gccttgcttc 660
 ttccttggtg ccaaagtatt ggncagggct tgggcacngt ggcttacacc tgtaatnccc 720
 agcgcttttg ggaggctnan gcaggaaaaa tccttggaacc ctgggaaggt naaggttcca 780
 ntgancccan 790

<210> 3865
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3865
 ancctttana caagctactt gttctttttg caggatccca tccgattcga attcggcacg 60
 agagtgacta cttagaagat gctgtcccca ccttcgcccc ctccctctag ttgccccaat 120
 gtcttacctc ccccagcttc actcgggcta gtggagggtct tcttagactt ctttcaaggc 180
 ggaggattta gagtctgggg tgaagtggcg gtgatggatg gctggggagc tggggctgct 240
 gactcaatgg tgatacatca agcagttaat taagggacaa gttatcttct aagtgggagg 300
 taaaggattt tctgttcctt tgttcttaat gctcatatta atgccatttt ccctcatgga 360
 gacctcaggc tgtgtctaaa acgcttccat aatccctttt ggcaactgcta gaggtcagca 420
 ttgtccactc gtgaaggaca caggtaagtc acagacattg gggcttctgg ttgttaaagg 480
 ccaagaatgt gggatgaaaa cccccgtgt ccccatagca agttaggggt tgctcancag 540
 ggctgttttc attcagacaa gcagctcatt ccaaaccagc ccagagagc cgcttcaata 600
 agccattgtc tgcccaagga ggaagaactg ttgtccaagg ctgtggntaa tgcatgacat 660
 tggtagttgt tccaacaagt caaaacttgg ttacagaaaa gcagcantga cnaggatctt 720
 ggaataaatg ccttggaacc angtgccaag gaattttcca cgcata 766

<210> 3866
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

<400> 3866

tattgatctc	acctgctttg	agtccatcnt	caattcgnc	agccnggten	agagtaactc	60
tgcactccta	gctgggttgc	cttaacaagt	ctatttaact	ttttcttagg	gtatttctaa	120
gagagttcca	aaatggaaaa	aaaatnctat	ggtggnttgg	aaattttaat	gaataataaa	180
ttcccatttt	aaggttaaaa	ataacccaaa	aaantaacca	cctccgtant	ccattaagan	240
catttttagga	agnaagtttn	cctttanctt	tnggggaaaa	agggtttttc	caattttttc	300
cccttnaaaa	tggganccan	ttccaacctt	gggaaaaaan	ccaaggccca	aggggggttaa	360
nttggaacc	caaggaaagg	gggggttttn	ccccccctt	gggaaccctt	tttttgggaa	420
attaagggnt	tttttttaa	aaaaatttta	aattcccntt	ttaaaaaatt	ttttnaaaat	480
ncccccttc	cctnggggtt	ttccccctt	ccnttgggcc	ccccttttgg	gggggggnccc	540
tttttaaatt	tttaaaaagg	gntttttttt	tngggnaaaa	aatttttnaa	aaangggggg	600
gggggttttta	aaannttttt	gggggggaaa	aaaaaaaaaa	aaaaaaaaaa	nnaattttan	660
ttttaaaaaan	cccccccagg	gggggggttt	ttttnaaaaa	antttnancc	caaaantttt	720
ccgggntttt	aaaaaaatna	aaaaaaattt	tcccacaatta	aaaaataaat	taaattttnt	780
taaaaatanc	ccnccccctt	taaaaaaaaa	atgggaaaaa	aantttaatt	tanttttccc	840
ccaaaaaac	cttccaatta	aaanttttna	aagtttnttg	gnaaacccaa	atttttggcc	900
aatttttggg	aanaattttt	taaaaaaatt	naaaaagccc	ctnaaaacca	attcggggnc	960
cccctttccc	ctttctttca	aatnaaaatt	naattttcct	ccccgnaaag	gggncccttt	1020
ttcctttccc	tttgganggg	gccttggggg	aagcccncc	caaggncctt	tttgccagc	1080
ccccgnaaa	gggggggtcct	ggcaccctta	nnctnggggt	ttttnccttt	ccccctgggn	1140
nanggggcct	ggna					1154

<210> 3867

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3867

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aaagaaaaag	agaaaagaaa	agaaatctga	aggtcttgac	aacccttggt	cccccatcct	180
cctatgactt	tgggacctaa	atcagagctg	gccctctttg	taacaagggt	gtgggcccct	240
ctatttcact	gtantctgnt	ttcattccct	gcagccctcc	ttgatacgaa	agatgccagt	300
gacagggccca	ggcacttgtg	gctcatgcct	gtaatcccaa	ggaggccgag	gcngggcaga	360
ttgcctgagt	tcacgagttc	aaaaccagcc	tgggcaacac	ggtgaaaacc	cccggttcct	420
ttcntttggg	cccctaagat	acaaaaaatt	accaggcatg	ttggtgcatt	gccttgtagg	480
tccccaaacta	ctcgggggaag	gcttgaaggc	caaggaanaa	attggcnttg	gaaacttcna	540
gggacaacaa	naaggcttgc	caagttggaa	gaacaaagga	atnggggtggc	ccacttggca	600
atttttcttaa	gccccanggg	gcntttccag	ggaagccnaa	gggaactttc	ttggttcntt	660
cnaaaaaaan	aaaaaaannn	nnnnnnnnnn	nnnggggncc	ccctttnttt	taagnaaaaa	720
ccctttnttt	taagntnggg	aaaggttncc	cgnttaantt	ttnaaccccn	tttaannaaa	780
tttcccccca	ggaaaaccan	tttgggattt	aaaagggaaa	ttcccccntt	tttgggnatt	840
ggnaaaattt	tttttggggg	naaccnaaaa	aanccccac	ccaaaacctt	ttaggaaaaa	900
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<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 3868

ttgatttcca	tncagntact	gctattgttc	tttttgcagt	atcccatcga	ttcgaattcg	60
gcacggaggt	gagnaacggn	gaatacgggt	aaaacccttg	gctcatggaa	agcatagcnc	120
aacataaacc	ttttaagcaa	accagcgcag	agttcccgtc	ataagtggcc	accatcttca	180
gaaaccaggg	ctcntgggtg	tntccanaan	tttgccagga	atztatgtta	ctttaaccca	240
ctttggtnng	gggaaaagct	tttgnaaata	gaatcataca	tgcatttggt	ttttaattac	300
agtgccgttg	gcccataaat	ggggnttaaa	tttatactgg	agcacatggg	cacccatata	360
tgggggtttc	cctcttgggt	caagggcccc	ccattggcca	anaancagag	tctaaaggaa	420
aatcttgaag	gttgaaaaac	cnttgggggg	aaaggnaaaa	aantcaaaat	tcccagtggg	480
gaaaaagaag	gaaaaatagg	gangggctta	aaccttgcaa	aaaaattgaa	aaanttgaag	540
gggtttgctt	ggtcnaaata	atcttggaan	ggggccctt	tttcttgcn	agaagggaag	600
tgnaacaatg	ggagnacaac	atcttcaaatt	aaaccattat	ttggtaaaaa	cnttncttaa	660
aaagtcaatn	gnccatncca	naaagggttg	aaatgggagg	ggnnnggtgg	ttctttccgt	720
tccaacttgg	ggagttcttg	gccaaaactt	ttttggaagg	ggcnttggtt	tctttttgga	780
aaagnaaatt	aaaaggttnt	tttgggaaca	ngggncatt	tggagttnt	ggaatncccc	840
aatttta						847

<210> 3869
 <211> 661
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 3869

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agatgaatgt	ggaactttta	tttttatcca	ttattttcaa	attggatcan	tgtcctcctg	120
atctattaga	tctaagacct	aagaggaacc	taccttggtt	tggctagcgg	gtacagactt	180
tcttactaaa	aggnggggtg	atttcctaga	atagcatntt	ctggtgagta	gagatgattn	240
tcaacaatgt	ggctgngtca	cttnncttca	aagtgattat	ngagtgtgaa	agtaagcant	300
tgaataactt	tttaaccact	gtctgtgttc	ttaccagatg	ggaaaacanc	actcgtcttg	360
aaactggaag	ttcccagtc	tgggatgatc	tganaagggt	ttggaaggga	aaaaccctt	420
gttagagata	ttgcagttgc	atcacacacc	agcttgggtg	ctgcctagga	tcanctgctc	480
agtgaanagt	actcttgcta	aacctttacac	caccagact	atgcgatttg	gataagtaat	540
acttatcttg	acctgtgttc	ttttganggg	aaagaatgnc	tattgggtag	gattattgna	600
aatgagatg	agatatcctt	ataaagtttt	agcatgatgc	ngcctcta	aatctgcata	660
n						661

<210> 3870
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)
 <223> n = A,T,C or G

<400> 3870

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cacgagagtg ctgggattac aggagtgagc cacttaggct agccctgaaa tgcttttggt      120
tttgtttgnng ttttttggtt tttaatgaaa atacagggac atggagatgt ggaaagacac      180
cttgctttat tactgggtgtt attattatta ttactacagt ataattcatg tatcacaaaa      240
ttcacgattt ttaagcatac ctttcagtat tttttactat attccaaaaa gttgcagcca      300
gcagcactac ctaattccaa aatatttcat aatgccaaaa agcatgcctg cnctattggc      360
tgtcactctg caattcccc ttcttgaggg ctctggaccc aacccccncc cctttaaaaa      420
aaacttcttt ctttntgtat agatgtactt ggtctggggc accttcctct ttatnngaaa      480
aacaaaatgg gggngttttt ggggtttggg ttntcaaaan aaagggneen caannattna      540
anaccctttt aaaccccggc cnnnaccctt tanaaanttt ntnggggcc aaaanaaatn      600
tccccctta tngggggtaa cnnccaaatt tggngggnnn taatttccca atttnaaaaa      660
ccaaagtggg tttttnnccc cntttttttt anaaaccttn tttttnttgg aaaaataaaa      720
nnggccctgg cntaannna aaaacaagcc ttttttggcn accaattggt tttttttngg      780
gaggtnggnn aaaccatttt ttn                                           803

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<210> 3871

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3871

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gcacgagggg atttgaatgc ccatgaaata catttttttt tacttgaata tattcttgct      120
tcactttacc ctccataata tgttgtncat tagtgctgat caagtttaca gagttacatt      180
ttgctnncc taccattcag gcaggaatta aaatatggca ttgttaacaa ctgggaagaa      240
gctcatagn gatatnaatt anagtagata atgggtcacc ttgatagcct ctgnttacat      300
cacttgnata tgggcaaaat aattattacc tatacgtgta ttaagctta atttncatat      360
aaacagtntt ttgaatctat gctaaaanag ataatatcta aaagngtgat cnttacgtag      420
tccttagttt atnagtctgn actncaaaaa gattctttaa taagcccggc acggaggctc      480
atgccngtaa tcccaacact ttgggagggt gaggcgggcg aatcacctga ngtcangagt      540
tcgagatcaa cctggccaac atgggtgaaac cngtctcaa ctaaaaatat aaaaaatagc      600
cccggccgtg gngggcangc acctggaaat cccagctac tcgggaannc ttgacgccaan      660
gaaaaatcac ttgaaacccc aagggggcaa aagctgggag ggtaagccca aaanccgcat      720
tnattnggac ctcccaancc taagggggac aaagaaacgc gagnaattca atcttaaaaa      780
ncnnntngnc anttattgnc nnaaanggna atgnngnccc ggaaaaaaac cccc                                           834

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<210> 3872

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 3872

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tgtnagacgt ttcaaggtea gtgtattagt ggctcatgcc taggggaagg aataacattt      60
ggagcaaaaca ggagacaaat tgaaaagctt caggaggaaa ggctaggaaa taagattctt      120
tgggcgagaa taaggacttt aaagagattc cacatattcc tgggaatctg aaagaccata      180
cacatgccta gggctgggca tgtgcttaaa aagacttgag agggccctat gctgtcacct      240

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ctgcctgacc	ttcaggetct	gtgcaagcag	gaagtgaagg	ctaaggcata	gttataaact	300
gcatgggtga	aggttgaaa	gtgtgtccca	acacagaaca	catctgcaa	tgctacgagg	360
cattttgttg	ttccaagtgt	tcaaagaaat	cttttgaatc	actactgacc	actaagctaa	420
ccaaagactt	agtggccaca	cctgacaaag	aatacaaaact	aaaaaactaa	aaatgtagtt	480
caagaaaata	acaggctggg	cacagtggct	cacatcggt	atnccagcac	ttttgggang	540
ctgaagcang	tgggatcttc	tttgaacca	aggacnttn	gagaccagcc	ttgggcnaca	600
ttggcaaaaa	accccatct	tnttgnaaaa	aaaatacttt	aaaaaaattt	tgccaggggg	660
ccctgggtgg	gcnnccccac	ctttantagg	ttncccaagc	tttnccccc	agaaaggcct	720
tttaanggtg	gggggaagg	aatccaancc	tttgancccc	tttgggggan	gggtnccccc	780
gggccttttt	aaattggnag	nccccattaa	attcccttgg	ncccatattg	gcantcttcc	840
aaaccccttt	agggnggna	ccaccanac	gggggagg	naaannaaaa	attttttaan	900
tttttccna	aaaacntttg	gncccnccat	tttttttaaa	aatnaaattt	tttttccaaa	960
aaaattggtt						970

<210> 3873

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3873

actgaagctg	ccaggcaagt	gaggaaccag	gagccgtcac	tgagtgtggc	tgggctacat	60
catagctcat	cacggagcta	cgactttggg	tactgcgga	agacctggat	aggcccagca	120
ttcgttctga	agatcacagt	tcacagaagc	ttttgcttcg	taaagataat	ccaaaggacc	180
tgagaccgc	ttttcctttt	cccttcattc	ccttgagagt	cagccataaa	cgggaatacct	240
gctaggttcc	aggaatgagc	tcacctaaca	gacagcaa	gtgtctgggt	agatctcagc	300
agagcccatt	ctgcaagacc	tggctgancc	agatgagagg	gtgggcccctg	tgctgggggg	360
ccttgggtca	cacacaggaa	ccaagacctg	gcttccaccc	cccagtcacc	cacttggggt	420
atctgctgga	agttatcgat	aggactgtgt	ggccaaccaa	gtgcttgtga	gatcactgac	480
actgcaaaaa	caaagcaaac	tgctccgggt	accaggactt	ccttcaacct	ggcaangggg	540
gtgcgctgag	gcngggcttg	cangtgagg	ggctgtatgc	ttcaggaact	aactaaaatg	600
catgcanaag	gtaagaggca	tgatgggagg	tggtcaagca	cacaatncca	tttgggagggt	660
tatttttgata	ctgcgatgan	taagggtaan	ggccccatgg	aatggggcta	anggtgggag	720
tgaacactgg	ggtgaataaa	ttttaaatca	attcaggtaa	aaaaaaaaaa	aaaaaactcg	780
agcctttnaa	ctataggggg	cgtnttn				807

<210> 3874

<211> 461

<212> DNA

<213> Homo sapiens

<400> 3874

tatccatcag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggaga	60
aaagctctca	ggtaatctgt	atggcttata	agggaaccc	gcagtccttt	ctgaaagggg	120
agctgtgaat	atgactgctt	tgtagaaaga	tgtcttagga	ttctgggtga	aaatttttaa	180
ttccccctcat	gtaggaatgt	cacagagtgt	acctttttga	cttagtattt	tcctagtaaa	240
atacaccctt	cttaagaaaa	tggctacaaa	gtcagatgca	tgtaaatgct	ttcagcaagg	300
gtttattgat	catctgcttt	aggctgggct	ctatgttagg	tgccctgtga	ttccattcta	360
gtacctgtgt	tctcatagaa	ttgaatcctg	gtcccccata	tgacttttga	tgatattcac	420
actgttaatt	ccaataaaga	cagagtagac	aaacagaaac	t		461

<210> 3875

<211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3875

cttgggtgaag	ttgatgacct	ccaatagctc	ccagtgtcat	gggtacccag	tacgcattag	60
ctgggtgttg	gttgattgag	acctggggca	gttcctgggg	caagaagcca	gatgggagat	120
gagatagaaa	gtgttaggag	ttatcctctt	tgccctggcct	ttgagaataa	cttactgtgt	180
gactttgggc	aagttccttc	cccactctgg	gcctcagttt	ctcacttggg	aaagcaagga	240
gtttgaccag	atgatcacia	tgggccttcc	tagctctggc	caccaagaat	ttgtgaacat	300
tagagctcct	ggctctgggtg	gtagagccag	agctgctgac	tggctctctc	gcctccagag	360
gggatttatt	ggacctcana	ggtggcaggg	ccctatggag	caccaactgc	cctcaacccc	420
accctgtgcc	caagactggg	aagggattga	tgtcaggctg	tggccatagg	tagcatgagt	480
tgcccaagga	gggacagagc	atatctttgc	tgangcttgg	ctgangggct	tatgatangg	540
cttgacgtac	ctcacaancc	cctgtggggca	caagacaccc	tgagggtttac	ccaggccaaa	600
tatatttgat	tagcagggaa	aaaaaaaaaa	aaaaaaaaac	togaaccctn	tanaactata	660
agtgagtcgt	attacgtaan	atccngacnt	tgaataagaa	tccattgggt	gangttttgg	720
acaaaccnc	aacttnngaa	tgcccgtggn	aaaaaaaaatg	cntttatttg	ggnaaattgg	780
ggaagcctat	tggcttttnt	ttgtaaccat	tttaanctgc	aattaaacan	nta	833

<210> 3876
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3876

gtttgtgggt	gaatggtttc	acaccagagt	gggatecctc	attgcatgta	ctcgactagc	60
ttttcattct	tatcacactt	cccttcctat	aaagttacgt	atcttttaaa	gggaaattta	120
ataccacact	tcgctttctg	tgcggccttg	tgaaaatcag	gcaataacaa	ggacagcctt	180
attgccagt	tatgaccaga	gcatctagat	ggcactacta	gtggaatgtc	atcttgtcta	240
ccattcattc	attcattcat	gattttctct	accanacagt	tttggaactc	ctagaatggg	300
tcaggtggta	ggcaggcatt	gggaaaacaa	ggttttaagc	cattgtccaa	atcctcaaag	360
aactcacct	tttggctgag	gggccatggt	gagaggtgta	tagaacaag	taagaaatgc	420
tgtangagca	gagagagaga	aagaggccca	gagagcacag	tggcagagta	catctcatcc	480
agagaaacag	catcctgcat	cctccagagt	cctggttcct	tcagtttcat	nccctttctt	540
cttcttccat	ggattatgta	atacattgta	aagggtttta	ttaattaaaa	aattgaaaaa	600
anncnaancn	nnnnntnnnn	nnngnnnnnt	tnnnnnnnngn	ngnnnnnnnn	tnnnnnnncc	660
nnnnnnnnnn	tnaanntttt	nnnttttnnn	aaaaannnaa	aancnaaagg	nnnnnnnnnn	720
ngnnnttnga	cnnnnngnna	aantnanaan	nnnnnnngaaa	aaaaanaaan	nanntnnnaa	780
ttnnnnnaann	ngnnnnnnnt	nnncnncncc	nnaannnnnn	ggaantnnaa	nan	833

<210> 3877
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

<400> 3877

ccttttnaang	gggntttttt	tttttggggg	tttaaaaaaa	aaaaaattn	ccnnaaggn	60
ccccntttng	ggggggggg	aaaaatttt	tttttcccc	ttttttccc	ccccctttt	120
ttttttttt	taaaanttt	tttttcccn	aaatttttt	ccccctttt	ttttttaaaa	180
aaaaaaaaa	aaaaaat	tttttnaaa	ttttttttt	tttaaaaaa	gggggggta	240
aaggggttta	anccccaatt	tgggttttaa	nggggtttt	nggggggaaa	aaagggaaaa	300
aaacccttta	nccctttaan	tttttnaana	aaaaaaacc	ccaaaanttn	antttaatt	360
gggttngggg	gggggaaaa	aaaaccctt	ttcccccag	gccccccct	tccttggggg	420
gttnaaaaaa	ttnggggtgg	gtgggtccct	tccaaaaaa	tttttgggn	tccttggggg	480
aaaaaaagna	aaaangggg	gggggaaaa	ggtcctaata	gaaacccgaa	cttttttcaa	540
acctgggcn	attnccatat	acccaatgg	ttaaaactt	ggattcttat	gacatatcc	600
tatgaaaata	ataaatactg	gccttttcc	tgcagaaagc	ctcagacctg	aatcagagaa	660
aatcatatgc	caaagccaac	tgccagtgt	agacctctt	ttncataaag	agtaaaggg	720
aatgctaaca	ctagtgggct	tattgagaaa	atttaaaggg	tgctgtagt	tttagaact	780
aggctggaaa	accatat	agtgcacat	tttactacat	gatcttccaa	ttagatagct	840
tgtaatctgg	tccttacagc	acttgctgnt	ggtacatgtg	aagattttat	aaattttaag	900
gaaaggtgtc	tatgatata	agtgaaaagt	gtgggaaaag	aatatagaaa	ataatattca	960
cttctnaaac	cattatgata	aaaatatttg	tgtatnggat	taagaataga	aaggggatta	1020
tnnggatgga	tctatttcaa	ttcttcagnt	tatgggtngg	gccttncctt	ttttggaaag	1080
gtacccttgg	gttattgcct	attggaataa	aatggatatn	aatggggtaa	aaaantntt	1140
caaaaggncc	cnaaaaatgg	aaaatnccaa	aggaatttcc	cttcnttttg	gacctanttt	1200
taagggnaaa	aga					1213

<210> 3878
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

<400> 3878

tccaccctga	ctcagccttg	gtgcagagt	agactctgtc	tcaaaaaaaa	aaaaaggaat	60
cagtttggtt	cttggcagaa	atcaacataa	gggaatntga	caagaacccc	agtaggtaac	120
cctgagtgtc	caaggtccga	gcctgtgggt	ctcttttacg	gcttcataga	aaggaccgtg	180
ccctcacngg	aggggggnacc	caccggcttt	gggctttgtg	gggggtctta	aggtgnatgg	240
cttgcccttc	ttttntttca	ntcaaccac	accccaagct	ttttttggct	tgggcacttt	300
nangggggaa	agaagaagcc	ancccaaaat	ggagnaagaa	ttttaaccct	tttttaattct	360
tcccccaacc	ggaagccgaa	aaaatgggtt	ttcccccttg	gttttncaana	agnangggaa	420
agttaaccca	ntccccnttt	antgcctttg	gaacctnggg	gggggtttcc	ttttttgggt	480
nggggtgggt	tttgggtttt	tttncttttt	caaatttggg	naaattnctt	ggtaattttt	540
aaaaaatggt	ttattggtcc	agccttgga	caccattggg	gnacaacntc	cttgaaaaaa	600
ggtngacttg	ggcccccccc	cccctgtttt	gggcccgtga	agttttccgn	accaccnggn	660
cttnaaaaag	tggtcccttc	ttgctttcgt	ctntttgttt	cncttgcttt	tgtaaaaact	720
ttnggtccca	agcttgaana	cattggcttt	gtaaaaacgt	ngaagagtca	atnccnaang	780
ggggttattt	gtcanaaana	acttgnctn	tgccctttan	ccgaangcag	tcnaatcntg	840
ccagttggat	ttttcttact	gnggaatga	caagaaacag	ggattnat	tgcncttgcg	900
ganaattttc	cgggagtgnc	tntttaatat	tttnagaccc	gattctttga	catnttantt	960
gactccaaaa	na					972

<210> 3879
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (884)
 <223> n = A,T,C or G

<400> 3879

gggtaaatatt	ttgtttttata	acagtgatc	agtatatctg	aattatggat	tatatggcca	60
tagaactaca	agcaaaaagg	atacacaaac	aaattttgta	gttaagacaa	atctgttgcc	120
taagatcaag	aaatgtaata	gatggaggcc	atgtagaggt	tagaaattca	aagaaatcga	180
ggtcaaaaac	tggccaatca	taacggcata	gggattagtt	cctaaatttg	gtcacttgag	240
aataacagtg	tgaatagagt	ggagtggag	atgtgactgg	tggtgtttct	aaaaatgtag	300
aattgtcctc	ttagttgggg	tctaggtagt	ttttgagagg	tgaatataga	cactaaacttt	360
ttgtttttaca	actgaaatca	aattgattgg	taatttgcaa	caaaatattt	tttgaccccn	420
ccattttatat	cttaccatgt	atattatattt	cactnggntg	ataaagccta	tgactacctc	480
gtcagaatac	atcatttgct	aataaattag	ggtttactgg	tactgntgga	aataacccgt	540
ggcattctac	cctccgagaa	tctgtttcag	gtggctgcac	cctttcaaaa	tccantgggc	600
gtttggccat	ttgnaancct	tgtntttttt	ccgggggaaa	ccaccanggg	tcaagtttan	660
ttanggcctt	ggcccagtta	aggcctggac	cgtnttttcc	ccaattttgc	ttggntttgg	720
aaatggaaatn	gggttttcat	ttaattnaaa	gaaanttgct	tgttttgggg	cccatgggt	780
gtggaaaaag	naattcnntg	aaattgggcc	ggttttgaat	tanttttaaa	tcnttantcc	840
ttaagaaaaa	aaattttnga	anccntttng	ggggccnttg	tccn		884

<210> 3880
 <211> 998
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (998)
 <223> n = A,T,C or G

<400> 3880

aanaaaatta	angngaanc	tttaaaantt	ggggcccttg	gancccaatt	tnaccaatt	60
ttttaanccc	cccaatttg	gaaatttaaa	aagggttncc	aaaggaaaaa	atttancctt	120
tggggggaaa	ngggggccca	aaaaaaaaaa	agggaaaaaa	ggaacccttc	ctttgggttt	180
anggnntncc	tttttcccc	aaggggggga	aggggggggg	gggggggaaa	aaaaatttgg	240
gttccaaccc	aagggaaccc	anggggggaa	tcccaagggg	gaagggttcc	aatttgggaa	300
ttgggaaccc	cttccaaggc	ccaaggccca	ccttttcttt	gggggaaaag	gccccaaaaa	360
cccaaatttg	aaggggccaa	ggtttttttc	ttttcaaaaa	ggggtattga	aaaagaaaaa	420
aataaattac	ttggatgcca	gccttttctt	ttttaaccaa	acaatgaatg	aagtgtgaag	480
atggaatcaa	gataagttca	gaaatgcatg	actttaatac	atgctaatag	tggagatggt	540
gcttaaacta	aaaacagaag	tcatgtgatc	caggacgcac	aatcctctgg	ctgatggtag	600
aatttgatct	gaaataggag	acatgctgtg	aaaccagtct	aggatggaac	agatcaggag	660
ggttctgggtg	agagtcttct	tcaagaagat	gatccgcaga	ataccattt	gaatgtggta	720
aaaggagtta	taaacagctg	agagaataaa	tctaactcag	gggaaataga	agtggtaaatg	780
tatgataagg	tcactctgaa	tatgatatat	ataatcatgt	tatgtaacat	tgaatattga	840
tctacccaaa	ttatagtgat	cttgagaaaa	gaatagagat	tctacagagt	taatttctct	900
tctttgggga	agtctcngat	actctaaacc	aaaatcatga	tatgtngacc	tgtcagaata	960
tgccaaagat	actaatgntg	agtgtgcatg	gaatactg			998

<210> 3881
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3881

tgtccctaaa	acttaagtta	ataaaaaata	ataaataaat	aaaaataaaa	aaataaaaaac	60
acattntaaa	gggggcaatc	cagatggcca	gtaaaccatt	gtaatagcca	gaaattggaa	120
acatatattc	attgacaaca	ttaagatta	taatatagtc	atataatagt	cctgatataa	180
caatggaaat	aaattacagc	tacacacaac	ataatggata	agtcttaaaa	agccacatgt	240
acagaataca	tacatgtga	ttctacttct	gtgaagtcaa	gaacagacaa	aactgaaata	300
ctcatgtaag	gatgcacact	aaggtagtaa	aactataaag	cagagcaaga	gagttattac	360
tataaaagct	ctgtcgaggg	acaggagttg	caattaggaa	tatacagggg	attctgtggt	420
gctgagagga	tttggtgatc	tgggtgatgg	ttacccangt	gtttattcac	tttgcaaagt	480
attaagttgt	atatatgttt	tacttaagtg	gtatatttca	tagttttaaa	aggtttaaaa	540
aatntagaga	atacagcctg	ggcatggtgg	ctaacacctg	taatcccaca	ctttggaagg	600
ccaagacagg	aggccgagtt	caggagttca	agaaccgnc	gggcaacatg	gcaaaaccct	660
catcttntgc	aaaaattttt	ttaaaaaaatt	taaccccgcc	ctgggggggca	tgtgcttttg	720
natagtnccc	agncccttg	ggaagcttaa	ggtngggagg	atnaccttta	acccccggag	780
gccaaagggt	gcantggatc	ccccaatgga	tgccncttct			820

<210> 3882
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3882

catttatatg	agcaaaccac	gttttacata	acatgctttt	ggtatgtatt	atgacttttt	60
acattttctac	ttggatttcc	tcttcagatc	tcagtttcca	caaattctgca	tccaggttca	120
gggcctctga	ttctgcacaa	atcatatgag	ccaagtggat	tgattactag	acagatcaga	180
tccttcccca	gctaataact	ctgccttctg	attccagtc	tcaaaataaa	ttgcagcctg	240
ccatttttct	tatgttttat	aaggaggagg	tgaccacctt	ttgtcagttt	gcttagtttc	300
ctattctttg	ggctcatctc	ccatcttttt	tgggtagtct	tgctaggagt	ggttgggaac	360
tctgaagccc	cattttccca	agttgctgag	agctatcaga	cttttagctg	caggctaaga	420
gctctgttgc	aggcctagtg	attggcatta	aaagtagggc	cangaaatct	gtcctcatcc	480
tcaaatgaga	ccaacagata	tgtattaaag	tggagctgga	gtttgtcctt	ccacccgaga	540
ctaccaaggg	cctttgatgc	ttaatgggaa	tgtgtgtcta	acttgcctt	ctgacattta	600
gcccgatgaa	aataaaatat	tntatctgtt	taagtcnttt	ccnaanaaaa	ananncaatn	660
ttntnnnnng	cnngngngaan	ggagnnnnng	ggtntnnntt	nctannncnn	gnnnnnnnnn	720
cnannccnnn	nggcnccecg	nnncannntt	nnnnttgnnt	ttaaanaagn	cncnattg	780
nttnnnnnan	nnnnnnnnng	gnnanannnn	nnccccngg	ccnnttnggg	nan	833

<210> 3883
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 3883

ggacctggct	gcctgctctg	acaggtacct	gtcatctgcc	caccatgggc	ttctgggacc	60
tgctgtagcc	cctgccaccc	actgctgcag	acccacccac	tctcagctta	gctcaaaaagc	120
tgttctctaa	ctcattnctg	acnaatagct	gnangngttn	ccatgantng	cnnttnatnc	180
aactctggna	aagagggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnttttc	acantgggtt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatngngn	natttgcaga	gctngtnncc	gaatatcggy	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttgggnatat	nggccanntt	ttaatntngc	420
caaccnatat	acnttgncaa	agccttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcgngacttn	gtttnaatan	nccaanggan	540
ataatggmna	attttaaang	annntccctt	tngtganana	antccaagge	tccattgttc	600
tgcccngttt	tttncnatnt	ngtatcccaa	aatgttggtg	anncttttaa	naaaccaant	660
ggggaaattn	gaaccnctt	ttccanctct	tggtgaatat	tnttnnantg	gtttaaaaatc	720
ccanttccta	aatcnnaaat	anccctggg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaaa	naagggggna	caatagtgtg	aaagggnggt	ttttcnant	tnaatttgga	840
aaggtntntn	tanggaacc	cct				863

<210> 3884
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(904)
 <223> n = A,T,C or G

<400> 3884

taggnctgtt	gtatncaaat	ggtggtaggc	ccggcctatc	cactgncaca	aagcgggcaa	60
tggccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtaaaag	120
ggcatcagg	gctggaggat	aaaatgatta	tgataacca	ntgggtgatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaac	300
agaagaaaaa	gaccttatcc	attntctgtg	ctgggtggtat	agggtagatt	cataaaaaag	360
aaggcaaaat	atctcaaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgtctg	480
ctgttggtga	gtgctancta	ttgggtgagt	gctttgttgt	tgagtgctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttgggttgt	tgantgctaa	ctgggtggtg	aatgccttgg	600
ttgggtgaat	gcctaacctg	ggtgggtgan	tggaattggt	tggttgaagt	tgcccttaacc	660
ttgggtgggt	tggaatggcc	taanccttgg	ttgggttgga	aangccttgg	gtttgggttg	720
naaatnggcc	ttaanccttg	gtttgggttg	gaaatggcct	ttgggtccct	tgccccctng	780
ggggccctct	gggttttttt	ttaaagcccc	ttttgggatg	ggtacccaan	tttttccctn	840
cccanttttt	aaaccctttt	cccccccaaa	ataaaacccc	cccttatntt	aanggggccc	900
ggcn						904

<210> 3885
 <211> 911
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (911)
 <223> n = A,T,C or G

<400> 3885

atatccacgt	ctcagtcggt	ggatgggtaa	tgggatgccc	gcttccccta	ctccagatga	60
ttgatgaaga	aatggagggtg	tatggagatg	aggtgacttg	cccaggatca	gagctttaag	120
tgacagaggc	aatattggaa	ctgaggtttc	cctcattcaa	aagccagtgg	tgcttggttg	180
cactgccaca	ctggagcaga	ctaactgaga	ccgctcttga	tgggtccttt	tctacgagag	240
gctttgcctg	ccacctgcca	gcatcagggt	atcagaagat	gtggtatgaa	gaccattcag	300
cccgggcgca	gtggctcatg	cctgtaatcc	tagcactttg	ggaggccagg	gcgggtggat	360
cacgaggtca	ggagatcgag	accatcctgg	ctaacacggg	gaaaccctgt	cttctattta	420
aaaaaaaaaa	caaaaaacca	aatactcagg	gaaatagccc	ttcagnttnc	ttcaccact	480
tcagaaaaaa	tagggaaaag	gaaaagaaca	gggattggga	aaaaggaaaa	aaagnaaaaa	540
nggganggga	tccgctttta	agcccttang	gagggtttta	aagaattaag	ttcttggggg	600
ccaaatanta	agtnnggagga	anccctctgg	ccttctttan	ttttaaaaaa	annnnnnnnn	660
nnnnnnnnnn	nnnnnnnncc	tttcgaagcc	ccttttttaa	aaacttttta	gggggggggtc	720
cgtantttac	cgtnngaatt	ccccgnacct	tggntaagga	tnccnttggt	tgaagtttng	780
gaccaanccc	caacttgaat	gccgtggaaa	aaaaatcntt	atttgngnaa	attgggagct	840
nttgcttttt	tgnaaccttt	ttagntgcat	taacaagtta	ccaccaccat	tgcttcnttt	900
ntgtaggtc	g					911

<210> 3886
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (819)
 <223> n = A,T,C or G

<400> 3886

tcacctctct	ccccagaaa	aacatgtnaa	atgcnagact	gtgtgctctt	aatgacatct	60
atattaaggg	atctgaantn	tccatcataa	atgaacatgg	tacttaccaa	atatcttctg	120
ataantcatt	cagtgtctcag	gntctatgtt	tnttctcctg	tccaagagtg	aacaaactac	180
acatnaccaa	aatattgtaa	ggctaagnaa	taataacggg	gactgnnaaa	atgggaaatg	240
agatagcgtc	aaacgtttgt	gacaaaataa	agcagtcacn	gtaaacactg	gnctttncan	300
ccccatnaat	gatgactttg	tncccaactt	gnattcccaa	cngcatcnca	aanagtaaaa	360
ngagtacat	ggganataaa	acatcathtt	tatcacaagc	ttataacggg	tnattttttt	420
ctgactntgn	gttggagggt	aannnggctt	gctnatattg	catgcagcan	ngaacttacc	480
cgncatatgg	atgcctccct	ctatgctagt	ggtcctcncc	tttatggccc	anggatcana	540
ntcatggaaa	gacaggtatc	cctgngggga	ggtttnggga	tgaaantggg	tcaccttaaa	600
tcacagggca	ttaaaattct	cataaggcat	gtgcaancta	aatctnttna	catgtgcagt	660
tnacaaggaa	nggggtggca	cttcctctga	aaaatcta	gcctccctgg	tctgccagga	720
aggtacaact	tggnttggga	angnttgntt	tggtcncngg	tccacatcct	ggtgngccgg	780
ngnggntncc	canaaggccn	ccggtcggtg	ncnaattan			819

<210> 3887
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)

<223> n = A,T,C or G

<400> 3887

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gaactgaaag atgatgcaca atcagtagaa actctgggaa agccaaaagc gaaacgaatc      60
aggacgtcaa aaacaaaaaa agcaagcaaa aacacagaaa aagaaagtgc ttggtcacct      120
cctcccatag aaattcgggt gatttcccc ttggctagcc cagctgacgg agtcaagagc      180
aaaccaagaa aaactacaga agtgacagga acaggtcttg gaaggaacag aaagaaactg      240
tcttcctatc caaagcaaat tttacgcaga aaaatgctgt aatttcttgg gaagatttta      300
atgtacacct atttgtaaag tcatcagaat agtgtggatt attaaatata tagtttggaa      360
gaaaataatt tatataaatt attgnaaatt tttatgtaaa cagaangtct tcaataagta      420
aagtaactcc atatggagtg attgtttcag tccaggcaat ttttctatct tatattaaga      480
cttcatacat ttatatatgt aaatatggct tattaatgga atgttaaata aaatgtatac      540
ttcaaaaaaa aaaaaaaaaa aaaaaactcg agcctntaaa actatagtga gtcgttttcc      600
gtagatccaa ctgataagat acattgatga gtttggacaa ccacactnga atgcagtga      660
aaaaagctta tttngaattg tgatgctatg cttattggac catttagctg cataaacagt      720
tacacacatg cttcnttatg tcagtcaggg gngggggagg ttttatccgc c          771

```

<210> 3888

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1232)

<223> n = A,T,C or G

<400> 3888

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gatttgaatt cnatacanct acttggttctt tttgcaggat cccatcgatt cgcccaggga      60
atgctggctt cctcctattg ctattccttg cctttcctaa tgccttgaat cagtgcattc      120
attcatnngt tcatttcaat cangaaatat ctgttttagca caaacatatg atattttattt      180
atctaaagtg ggaaaaagaa atattnggna tntcttcaag tggnttgggt nncctggctt      240
ccctggagga attttttaaa aaccgatnnc caaaccattt tttttttcca ccnagnccaa      300
gggttttggg nttggcatta ttggttattn caaaaaaagg gttcncctta aaaagggaacc      360
accaaccccc tttttttaac cccccgggtc caaaattttc ctttacnaag ggtccggaan      420
gtnccaattt nttttttcct tnaaaaaaaaa naaaaaanaaa aaagggaaaaa ttgggtgggt      480
tttaaccana ccaaattggg ttttaagtaa aaaaaatttt ttttaanccc ccancceaaa      540
aaagngttgg gttggnccca ntcccccca naaanggggg ggnanattt tttttnnaaa      600
aantttttt ttnnnnnnnn nngggggggg ggggggcaaa aaaaaatttt gggggaaaaa      660
aaccaanggg ggccanaaaa atgggggttc ntnaaaaaat tttaancccc nggggggggg      720
ggaaaccccc caatttggaa aatttanttt ccaaaacgtt caaaaaaaa tttaaaattg      780
gngggtnaaa ttaaaccctt ttttngggga aatngggggg cnttttaaaa aaaattaaac      840
cctttaaacc cttnnggnng aatttcccaa nttttaaaaa attancccca attttngggg      900
naaaatttgg gggnaanttt tgggaaccct taantttttt tnttttttgg gaanccattt      960
gggcccgnaa aaaaaaaata atttttccca aaaaaaacca anttaacca gggctttttt      1020
ttaaaaaaaa aaattggggg gccnttnttg gaaaaaacca aantnggttg ggctancccn      1080
gggttggccc acccancccc aaangggggg ccccttnggg ggggtttttt ttcttnaaaa      1140
ngggnaaaaa atcctttttt ggagggccaa anccggggga ancccaaaaa anaaagggtn      1200
cccnacntt taccaagggn nnaattgtgn tt          1232

```

<210> 3889

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3889

gagcctgatg	cagcttgtct	gtctgatgct	tttgttcccc	atccacgtcc	cccccagtgc	60
tgaagctggt	tcgtgtgtcc	ttacagtgtt	tcctctgcac	ttccacttgt	ggttgataag	120
tggcaggggg	acaataaata	gagttgatga	aagatgggct	tgggcagcag	tggggcccaag	180
tgaggcagaa	atgagaaaag	gactcctggg	gcagaggtgg	agtgacaaaag	ccttgagcac	240
gaggggtgtga	aatgtgaact	tgggtgctgac	ctctattggg	cagccggggc	accacggagg	300
tggatgtggt	gtcagtgaga	ccagtgaagta	atttttagcag	agatacttta	gggatgactt	360
ggggaggggca	gcangctttt	ttaaaatata	tatacttccc	aaaataacat	tgcttcagag	420
tagtttccta	actgccctgg	gacaggcctg	agatcctgtc	ccagggtact	tggggggcac	480
atcctgtcct	agggagaggt	attcacctnc	ccattcccat	ccccagtcct	ggctgctttt	540
cctaaatgca	tcatttatcc	cccacattgc	cccattctaa	cccatatcac	ctcttttagag	600
ataccttncc	cttcattgag	ggagcatncc	tnttataacc	attaacttcc	atattctggc	660
tgggttttctt	ttaaaaagcac	ttgtgnaaaa	tttnggaagt	antttaattt	ggttaaaacc	720
ttcattggcc	tcttttcctt	ccatttaaaa	aggngaacct	nccttgaaaa	acaagggggac	780
ccggggggga	ntctaataant	aattcacctc	ttggattccc	ttaanccccc	taaac	835

<210> 3890
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3890

tgtgatgaaa	agtgaagctg	ataagggtat	agtggtgact	tagggtgctg	atttagagtt	60
nggtcagaga	aagtctttct	tgaggagctg	tgtgaggggt	tgttcctatc	taaaggcnca	120
gaggagattc	aggccccattg	aagatgagaa	aacnctcctg	gacnacnttc	ccactttttt	180
tgtaggacac	tgttttgtna	aaattttacat	atatggctaa	atagtctgaa	actatggntt	240
cantggaanc	aaccggtatg	tgcccatgga	agagttttcc	caggaaaaga	aaataattca	300
ttacagnttt	nctggcnctc	tgaaaaggga	ccaggagctg	ggaactgctg	aaggctaagc	360
tgctgctatc	tgtggntcca	aatggagagc	cgctatgaaa	atgctgcttg	caaggggcac	420
attatataat	tctatgggggt	gatatcccta	attttagaat	ggaatgaacc	taaactcttt	480
tctggantat	gtttttggat	ttagccccaa	aaaatgcctg	gggangngng	anggaccccc	540
ttaacttacn	agccccattg	gcntggttct	ttggggcatt	tggccngcca	gaaganggaa	600
ccagccccctt	tttacctttc	atctgaacct	gggntggcct	ttttttttta	aaggnnaaat	660
nnnnnnngnna	naaannnnna	aaaccttggn	nccttttana	acttttagngg	ngtccgtntt	720
tncgtaanat	nccacacttg	gataagnntn	cctttgatgg	aggtttgggn	ccaaaccccc	780
cccttggnaa	tgccngtggn	aaaaaaaang	cctttntttg	ggggnaaatt	tggggangcc	840
ttttggcttt	attttgggaa	ccntttntta	ggctggccan			880

<210> 3891
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 3891

tcatagtcta	aaactatcac	gtctgagttg	ccttaggatg	acagtgctga	cacccagtag	60
gaagtatccc	atTTTTatca	ggaaagtcag	tcacgcgtag	ggatgggtgag	gagacgcgta	120
tggatggtga	ggaggggaga	ggagggagac	ctgctgggtgc	ccttgcacca	gggtgaggcc	180
tgactcacgc	tgcttccccc	cacaggccct	gctntgcttg	cctgcttttt	ccagaatcga	240
ttttgcaagc	ttcaagattc	tgttccctc	ttcgcaaaag	tgaggaaggc	aaatactcag	300
ggtttgaang	gagacctgcc	ggcctgaggg	ctggcaaatg	tgagggcagg	acacctggga	360
tggaactcgt	ggctgaccca	ggcccaaagg	gggctgcttg	ttcccaactc	tttcaactctg	420
taacccattt	taaaatgagt	ttttgaatct	tgctcaaat	tgacctactt	ggataaaaatc	480
agtgcctttc	ctaacttgat	tttgtttgac	gtggttccct	ctaagaaaat	ggtaggaatt	540
gaaactattt	gnatatgttg	aaattttag	gggttcanga	cccatggcag	aaacacttaa	600
actatttatt	tacagtatga	ctattttttt	tcaaagtngg	caattctttt	gtatatttta	660
aggcaaataa	tacttttacc	ttttggtgcc	ttncatgcgt	cgcantaagc	actcttgta	720
atcatggnaa	ttgggaaaaa	aagatgtcca	tttagttaaa	caagaaaaca	ctattttgta	780
ncatgaattt	agaatggggn	ccttttaa				808

<210> 3892

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3892

gaatgtcttt	gcttgaacac	cccagtcac	accttcgtgg	ggcatgatga	tgtggctcctg	60
gagttccagt	ggaggaagca	gaaggaagg	gagtgggaga	ggcctgctgc	ccactttcct	120
tctgagctct	ggtgacagcg	gtgccagtc	gtgttgccat	ggagtccagt	aaagaagaca	180
tagagagagc	tggtgctttg	gaaccagaga	gccagggtcg	tgccacctt	tcgtcatang	240
tgagtaaagg	gactatatag	gctgctgtta	ctcttccaaa	ttctgtcctc	ttccacaatt	300
gtcagcgtag	tctctcttgc	ttggaagaga	tatgctccag	taagagacgg	aagatagaga	360
tttgctgttg	gattgtttct	gggactgaaa	gactctgggc	tcacaagtcc	agggcatttg	420
ccccttgcca	ctctgttgat	ganggagacc	caagggtggc	tttagtactg	cctactacat	480
accctcagtt	gtcttcacaa	gcatgtagtg	ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	540
ctcgagcctc	taaactatat	gagtcgtatt	acgtagatcc	ngacatgata	agatacattg	600
atgagtttgg	gacaaaccac	aactagaatg	cagtggaaaa	aaanctttat	ttngnaaaat	660
tggggatgct	attgctttat	ttgtaaccat	tataagcctg	caataaacaa	gttaaccacc	720
accaattgcc	ttcatttttt	tgtttcangt	tcagggggga	ngggngggga	ggttttttaa	780
ttccnggccg	gggggcccac	gcatttgggc	cccc			814

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 3893

taaactttat	tctttttgtt	atcgtttgtc	ctctggtagt	gatcagtggt	cagtctttga	60
aaagaaagga	cctatgaact	caacttttagt	tacagcaaaag	aaatgagtag	gagacggagg	120
gaatggccag	cagccattga	agagggagag	caggctgggc	ccaaggggga	cccagtattg	180

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gcagaaagga aagctcaggg tgtcaagtgg gcctgagaag ggatcatctg gctgaacaag      240
agagggtccac atgtagctct cagcacacac ttgtgcatte cagcttcagc atttgctcac      300
acgagttccc cgcctaaaat gcctgacatt ctccctctct acttaactca tgtaataaat      360
ttttactgaa tgcctgtaag tgccagcttt ctgaacagag ttggtcacag ataaaggtgt      420
gttgtagagt cattaaaatg gtcagggtatt tgactggatc tccagtcgga aaaaaaaaaa      480
aaaaaaaaac gagcctntaa actatagtga gtcgtattac cttnatccag acatgataag      540
atcattgatg agtttggcaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg      600
aaatttggga tgctattgct ttatttggaa ccatttntaa gctgcaataa acaagttaca      660
accaaccaat tgcnttcatt tttntgtttc aagtttcagg ggggangtgg tngggaagggt      720
ttttttaatt tcncggggccg cggcccccaa tgcctntggg ccccgggacc ccacnttttt      780
gttcctttta ntgagggtta attgccccct tggnggtaaa catgg                      825

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<210> 3894

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3894

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gccatcctac attccagtga gggttgctga aaaaatccta tttgttggag aatctgncca      60
gangtttgag aatcaganng tgaacctgnc tntanangga tccattttgc aaaaccanga      120
anacacttta tgctgcacta gctgcaccgt cctcangcag nanccactct tcagctaagg      180
tggaactactg aacaggtggc ggatcgcatt angcagcact gtggctgagc atctntngaa      240
ncnnatggtg gancaancnn nttnactggg tnnncngaag accatnnnat acnttnacct      300
nttgggacca tganaactgt ttccagcccc tantgacgca gcgaaacaca tgtatgaaaa      360
caccanccac tggtagtact gatcatgatg tgaagtgtgg cctntctaca gttaacngcn      420
cgggtgtattt gctatgatga tgacaccttc ttcctctgtt gncttgacgn gcgncctac      480
ggcaaggagc gcaatatatg tantcaagcg ngagaagggc ctcnctggn aacttntacn      540
cgnaagcccc tgntatggct gggnngccct aagtccttnc tacaangtac aggaggcccc      600
ttcataaaaac tcttcacccc acatggncct gnaaaagnac aaagtggntg ttaagnctct      660
aacttgatgt gcgnccgggn gcannctgag cttgcaggac ttgctgggcc ttnaaaangc      720
cngggcnagg aanttnaagc tngaannana aatgangcca atcnanttgg gncnaance      780
aatcanctg gggtttttgg gngganaaaaa tccnggact ntttnccggg gttttn                      836

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<210> 3895

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3895

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tgaagacact gacettgtcc cgctacatct gcgagatgac cctgcaggaa taccactatg      60
tccaggagaa ggcttocaag ctagctgctg cctccttact cctggccctc tacatgaaga      120
actcggatac tgggttccct tcctggacat tacagtggct acagtatctc tgagcttcac      180
cccttggtca gacagctgaa caaactgctg actttcagtt cttacgatag tctcaaggct      240
gtgtattaca agtattctca cccggtcttc tttgaagtcg caaaaatccc tgccttggat      300
atgttgaagc tggaggagat tttgaactgt gattgtgagg ctcagggcct ggtactctag      360
cagcagccac agggctaagc atgcatgtta acagggtata tttattctat gntcgaattt      420

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gcttttgate gcttttattc atttttcctt tctttgnctt ttcccaaact gataatgnta 480
taaataattta tggtgcttgg ttttatgaaa gaaaaaatat tgnecatattt gactacaaat 540
ttaataaaaa aattaatggg tatttggtaaa aaaaaaaaaa aaaaaaaact cgagcctcta 600
aactatagtg agtcgattcg tagatcngac atgatagana catgatgagt tngacaaccn 660
cactagaagc cggnaaaaaa gcttattggg aaattgggat gctatgctta ttgnaccatt 720
taactgcata acaatacaca catgctcttt ttgttaggtc ngggngg 767

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<210> 3896

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 3896

```

ggagatgaag gttggcagca nctgggtcatg aangtggttaa caaggggcct tcactgggct 60
gngcgganct nctgaagatg tttgcncaag agaagggttn ggccctggtac acatnaaaac 120
tcttgggacc tcggaggtga tcgagcctaa ccnggggcca tnntacagat atgaagactg 180
agatgaagac aggagaaggg ncatgctgng aagtccatan actgggcctg gctcctgggg 240
taaactaatg ggnacaaann tctgangatt cctgcntana ccacnaaatg gacagggnc 300
aggcccntga tggtnagccc atgcctgaca ctgacnantt nacagnccaa gaacacagng 360
atgaagaata aaaagtggta caatcggntt cacttgtgcc accaggatac tttcaatgat 420
tgcnttcctg tnccacaaan ttcttttant cttgggcggc gacncaantg anggannggg 480
gaacttatnc atggacgccc cctttttctt cgantgggan ggaccacttg aaaacttcat 540
ggaaaggccc anagggtttac attggccccc cattgnacct tgagcccnaa gcttgggnaa 600
tccaggaacc ttngggaaat ttggggccnc cttgnggggg cttgaccccc ccataanaag 660
gttccaagnt gggcccccct gccttanggg atnaaagccc gttttaaac aacaatttan 720
gggggttaaag ggttggccct ttttcatngc cccccccntt naagngtaaa aanaaanggg 780
ggnacccttn tanaaacnc catngggaaa aaaaaaactg nggggccttg gggnccccct 840
ttgggggaatg ncncagnag aaatnccna ggggccttna aaaccttttt cctngggggc 900
aataancctn aaantttgct ttnttttaaa aaaanattcc ntggaacann ggggggaaaa 960
n 961

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<210> 3897

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(832)

<223> n = A,T,C or G

<400> 3897

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gtttgcangc tcatggagga agcagcaggg aaaacctggc gctgcaaaat gtgcaggctc 60
gaatacggat ggtcctcgcc tatctgtttg ctcagttgag cctctggtct cggggtgtcc 120
acgggtgggct cctcgtgctg ggatccgcca acgtggatga gagtctcctg ggctacctga 180
ccaagtacga ctgctccagt gcggacatca accccatagg cgggatcagc aagacggacc 240
tcagggcctt cgtccagttc tgcattccagc gcttccagct tcctgccctg cagagcatnc 300
tgttggcgcc ggccaccgca nagctggagc ccttggctga tggacagggtg tcccagaccg 360
acgaggaaga tatggggatg acatatgcgg agctctcggt ctatgggaaa ctcangaagg 420
tggccaagat ggggccctac agcatgttct gaaaactcct cggcatgtgg agacacatct 480
tgcaccccgga gacangtcgc ttgacaaagt gaagcgggtt ttctccaagt acttccatga 540

```

acagacacaa	gatgaccacg	ctnacacccg	cgtaccacgc	cgagaactac	agcccttgag	600
gacaacaggt	ttgatcttgn	gaccattttt	tgtcaacaca	aagctggcct	tggcaagttt	660
cgggtgcatan	aaaaatnaag	tgctacaagc	ttcgagccct	ntanaactat	agtgagtcgt	720
nttacgtnga	tcncacntt	gataagaatn	catttggtga	gtttnggnca	aaccnccact	780
tggaatgccg	tggaaaaaaa	gcttttnttt	tgtgaaaatt	ggggaaggct	nt	832

<210> 3898

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3898

cttaatgtta	tcactcattg	aaaagtttct	tttaaaatta	tatatatggc	ccaatcttga	60
actatcttat	tttgggaagg	tttatctatt	tttaatttat	gtcctcccgc	ctttctcata	120
cccagctcca	caagaaaata	cagatctgca	gaaaatgatt	tgaatgccta	ctttctcact	180
cgtccaagga	tgatgctgca	tagctagtac	cactctagat	gcttggaaga	aaagttaatt	240
caatcaacag	atagtgcatt	agagtttaat	tctttttatag	aactccattt	gagaggggct	300
cttaaaaaatt	aagagcatgc	ataccaaagt	ataataaaaa	aaattaagaa	caaagatgta	360
atggcttact	gcatgagata	gaaaacaccc	atatattgaa	aattgagtc	ttagggctag	420
tttttatttt	attttatata	tatatatata	tatatatata	tatttttttt	ttttgagaca	480
gagctctact	ctgtttccca	gactggagtg	caatggcatg	atctcggctc	acggcagcct	540
ctgcctnctg	gcttcaatca	gttctcatgc	ctgtagtccc	actgctcang	aggctgagg	600
gggaggatca	cctgaatgag	ccttggggang	ncaangctgc	aatgaaccat	gaacacacca	660
ctggactnta	acctgggcaa	aaanantgag	aaaccggttt	caaaaaagaa	aaaaaatctg	720
gaataaccta	ttgggccttt	tggttaattn	nnaaangnnn	nnnnnnnnnn	nnnncnnann	780
gnnnnnnnnn	ngnnnaaaann	nnnnnnnnna	naaaaaaccn	n		821

<210> 3899

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3899

agttttaact	tgaacccctt	cagtcaggat	gaacataaag	ctctcaagtt	cttgaaagga	60
tgagacacaa	gaataagatg	gggtaccagt	gaccagctcc	tctacctggg	gtcatggagg	120
accgaagacc	ctccaacctt	gatgcctgta	aggacaggcg	ctcctgtaag	ggatcagggtg	180
taaagaatct	ggccatagct	cctgtacaaa	gcctctttgt	ctgaagtact	tgggtgctct	240
ttgacggcag	gagggaacac	aacctgtcgg	tggtgtgtgg	acctcaccac	gggggctcag	300
tggacataag	atctattgac	aggccctggc	agtcaccant	gggtgtgtgt	ggcantggct	360
gtgggggtgtg	agaatgactg	caacaggcac	ttctcaacaa	tgacctgctg	ttcacatggg	420
ccctgagcan	ggaggaagg	agagggacaa	tgggaagctt	gttccagcat	tcctcttana	480
aaggggagag	acaatttcan	gcagggtgtna	tgggaattgga	ataaaaagcag	gangctcaan	540
gggtgggttt	cttgagttaa	aggacaaaaa	tcggtgggtgc	ttttgtnggt	tcaaccacaa	600
ccctttcatt	gggccagaca	ccccacattt	tttttcctta	ctggnccttc	attttttgcc	660
cccttttttt	ncttaccttg	ccttnccaaa	aaaataagaa	tgcttgcttt	attaaaccca	720
ttttgggggg	cttgcttctt	ttgggtcaag	gaaggggtgn	ttgcaaaaaa	tncttccnc	780

```
ccangggatt naaatgaaat nggggtgttc ccccttgag ccttnttaac aaccttttta 840
accaggtgt tcaaaaaaat ttntttcccc cncncncn t 881
```

```
<210> 3900
<211> 812
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G
```

```
<400> 3900
ctctgcagtc tcttaagcag attgactatg atgcatgtca cataaaacag ttttctttct 60
gttctattgt ggagtttttc tggggtgga gaacattctt ttgttatttc caaacactgt 120
ctataattac canacatgat ataaacacat aagggtgccaa ctggaattta ctctagaggg 180
gactttccct ctcagacttc cagtcaactc acacttgtgc aacaaagtgc atgctgtccc 240
ctaaatatgc aagcagaact gtgtttctgc ctatttggtt tctatagtcc tctacagtca 300
cttctanaga gactaaacca aatttctacc aacttcacag ggcaacaate aatagtttta 360
tctcaatgac tcttgtatct tcagacctta aactgattca nagaccatgg ggcccacaaa 420
cctaatacaga gtaacgtttt cattgagtag acattcanac atgagaatct tcaactttnc 480
cttttttctc ttggtaaaat gttcacaaat gtgcaggtaa cacctgctgc tactccagcc 540
attcngggcc taaatctgca gctctacatt ttgtatctag gtcttgagaa ttgggaaata 600
gaaaattttt atctaaaaat gcaggtcctt ttggttatca aactcagaca ttgaaatgaa 660
agtgcagnta cccctttctc ctcctttgna atatgnattc atctcttgga aactggtcac 720
tattggccnc aagtagatgt atattnaact ggttatancc acattggaca ctgggttttca 780
tacctnaac cctaaaggaa tatggcccaa ca 812
```

```
<210> 3901
<211> 815
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G
```

```
<400> 3901
actttatatg gattctctaa ttttaattct caaaatgcta tctaattgtct cattaagact 60
tgcatataat gtatcttaag tacagtcatt aaatatagtt tagggagatt tatgttcaga 120
tattgcttaa agatgtttta ataggcccat ttactctgat gatattaatg agctcttaat 180
acagactaag cttctaaaac tagtggtaaa gactcccagc ctgaacacaa caacttggaa 240
ttaatgcctg ntttggacag atgcctgagg gtgagtcctg cacacactcg agggtcancg 300
cgagcccctt gctggatgga gccttgtttc anaaaggggc ctctgtaac gggctctggc 360
tgctgactcc agagcaccca ttcttcggcc agcctgagta ctgtcttttt tctccccc 420
actgtgcaca ggacatgtgc taactaggcc gaagtacctc tccaagggtta tttgagaagc 480
gctgatagcc ttggcgggtg cactgnggcc tgtgaggggt taaaggangc tgttgcgtgaa 540
attncgtgga agcatctgcc aagtaagggt tgcacagact ggcatcgta cntgaaacaa 600
gcntncctnt gncaccaagt gaactgnaaa anggcacatg ggtgtgcttt catcttttan 660
gcattcatcc tancttgaaa tacatgtaat aaangngncc tgcttatttc aacntcggaa 720
cnnnaanaaa angcnnaaaa aancctcgan cctttaaaac tttnttgagt tttttttcnt 780
aaatccaaac ttgataagaa acattngtgg agttn 815
```

```
<210> 3902
```

<211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 3902

ccaaactaga	agctgtcagt	gacaataact	tggaattagt	caatgaaatt	cttgaagaca	60
tcactcctct	aataaatgtg	gatgaaaatg	tggcagaatt	ggttggtata	ctcaaagaac	120
ctcacttcca	gtcactgttg	gagggccatg	atattgtggc	atcaaagtgt	tatgattcac	180
ctccatcaag	cccagaaatg	aataattctt	ctatcaataa	tcagttatta	ccagtagatg	240
ccattcgtat	tcttggtatt	cacaaaagag	ctggggaacc	actgggtgtg	acatttaggg	300
ttgaaaataa	tgatctggta	attgcccga	tcttccatgg	gggaatgata	gatcgacaag	360
gtctacttca	tgtgggagat	ataattaaag	aagtcaatgg	ccatgagggt	ggaaataatc	420
caaaggaatt	acaagaatta	ctgaaaaata	ttagtggaag	tgtcacccta	aaaatcttac	480
caagttatag	agatccatta	ctcctcacag	gtatttgtga	agtgtcattt	tgattatnat	540
ccatacaatg	gccaccta	ccttgcaaag	aagcaggatt	gnagttttnc	aaaaggagag	600
atcttcanat	tgtaaaatag	agaagatncc	aaatggngng	caggcttnc	catgttaaaa	660
aaaggangga	aaccnctgg	cttcttnc	agccaattnc	tgggaanaaa	aaaaaaangg	720
cttttggtta	aanaaactgg	ggacaattca	agganccttt	ttgggggact	ntaagttgcc	780
aaaaaaaaa	aaaaaaaaac	tcggnccctt	taaactntng			820

<210> 3903
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (726)
 <223> n = A,T,C or G

<400> 3903

tnnaanctaa	tgcttggcta	cttgttcttt	ttgcaggatc	ccatcgattc	ggtgagccac	60
tgcgcccggc	caaagacact	ttcaaatact	catgattgga	tatgcctctg	tgattgacag	120
tgagatttca	aatgggttaa	agattgctct	gcaaagaggt	taactgttga	gattgataca	180
ggctatcttc	aacatatgta	cattgctgta	tatgacattt	acctaccatt	gtgcatctgg	240
gacttcctga	tggaccacag	gaattccctt	ttcttcccat	tctcttccag	atctttcttc	300
tacttgaaac	cccttatcta	caaaaatgaa	taaacaaccc	aatctcattt	ctgatcgtgt	360
cctggaattg	atctagggca	aggtctggag	aagtgggtggg	agacagcaga	cagcttttgt	420
tagtcttcta	accccagcac	tttctcagcc	tcctctgtgt	gttctgtct	cactctgcag	480
acctcacttc	acaatgctct	tcagatcctt	taatgaatag	gaaattgatt	ttgggtattt	540
ctataaaata	cagcaaagtc	ttagaaactt	gcagtgtcct	taagaagaaa	gatcccttct	600
tatctccctg	ccagtttttc	tttctttatg	gctcaaacac	taactgattt	tgccatggag	660
gtattgngct	tcanactgct	tttggtgaac	tgggttgagg	acataaccog	ttgtctggta	720
tatttt						726

<210> 3904
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 3904

nnancntgct	acttgttctt	tttgcaggat	ccctcgattc	gaattcggca	cgaggggaaca	60
tgcaaaagcag	tagccctctg	aggagcagag	ttaaggctag	tacagaaaag	acttttcctc	120
ccaaaaacacc	ttcagtgttt	ggagaggcta	ttatgtcaat	aagtaaagaa	catgctactg	180
tgaaaaaggt	acaggaacaa	aaaagagttg	ccaaaaataa	aaaatattat	tgtaaggtaa	240
aaaatttcat	aaatgggcct	aatagtggga	tggatataac	tgaaaactaa	gatgggtgatg	300
aggaagacag	tcaagaataa	atataccaaa	gtagcaaaga	aatacctgtg	caagtagaat	360
agcttgcttc	aaacagatga	gatttgtcct	cccaacatca	aaacatatca	caaaactaca	420
gtaattaagt	ccctttgagg	ccagcactga	ctgggataag	caaataagata	aatggggatgt	480
aacaggcctt	atttcaaact	aataggttgt	tcaccaactc	ctagttggat	accctgctat	540
ccattatgaa	aaagaaaaaa	aggtaagttc	tcatcttaca	ccatacttaa	atttcagatg	600
aattaagtat	taaacataaa	aattaaatga	aacatgggtt	tncctgggga	ttctaagcct	660
actccaactt	ggaagctgca	aagttggctt	tgtgntctac	atgggaaaaa	aaatagaact	720
gcaaaggaga	atatttacta	ttgactactt	aaacttaaaa	tactacatga	cangnnctgt	780
aaaatagtta	aagatat					797

<210> 3905
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 3905

gtgnnnnnnt	tgaatctttg	ctactaanng	cttggcnact	ngttctttnt	ncagggnagcc	60
catgcgattc	gaattcggca	cgaggggaag	gtctggctcc	agcttgagcc	cactcacagg	120
atgtcagggg	gaagtgtgac	taaggtcacg	gccacgccac	gtgggtgggc	agctggatcc	180
agagcagggg	ccgttgtggc	cacacatcct	gagtttccat	ggctaatgc	agtgggcttg	240
aaaaaaaaag	gtggatgcag	gatgctggct	gggactgtgg	agtgcgtggg	cagtaagtct	300
taagtgcacg	tgggtggaga	ttacagcatt	tcatctgctt	ttcctttgac	accttttaaa	360
gatacaaccc	acagttttca	agggtttatg	ccaatgtctg	ctagagggat	cttgcagtag	420
atcttaaacc	ctatagtatt	cttaagagca	caaggaaatt	cttatttggg	ttccatttac	480
aacaaagggt	gaaatttaaa	actaggctga	gaatttgaaa	tgctgttcac	attaagcagt	540
ttattagggg	gttattttga	aatcgttcct	taagtaattt	taagatgttt	ccacatctca	600
aaaggatnca	tacatttttc	ttcatttttc	tttgagaaat	gtctgttcaa	ggatgtttac	660
caggtttggg	ttttcaaaat	ttcagcggct	tttatngngc	tggcattcca	ttcgacagat	720
tggaatttgc	cccttanagg	aatgggaat	gtttttt			756

<210> 3906
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3906

```

agagnnnnnt tnnntcttan ctactaange ttggctactt gttctttttg caggatccca      60
tngattcgct gtgaagacct ggaaacagnc aaaaaagact tgccaagctc cagactgtcc      120
agctggatga agatatgcaa gacttatgaa ctttatttcc tcctcacctc tttttggcat      180
cagcggcaaa tcttttcatg aagccccaag gacacaaaac attttcccat ttaaaggaaa      240
acactctagt tttgcaagta tatgcataca agagacttta gattgatctg catgaagatc      300
acagttaagt atacaggagt agaactgcat tattgcagcc tttttgttca cttataaatt      360
tctcttttaa atagatggag acaaaggaca aggtgaaatg tatcaagtca aagtgaatca      420
tttagttgac tctataattc taagggtcaaa atggaacttg atagtttttt aaattaaaaa      480
atgtatacac ctaacataga aaattaaaga tagctgcaga ccattagaaa taatacaatt      540
gtntntgttt acttttactn catgggcatt gaaaagggtta agaaacataa atgggtcatat      600
ttttaaagggt aagtacatgc atatatatat gcacacacac ctnttttttca gcattttttt      660
gaaaaagttc tggggtctca aacacatttg nctcaaccac attttncnaa atgtgattct      720
taatacctca atnttggctt ganaaaagtg ccngg                                755

```

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

```

agagnnnnnn ttntatctta tgcctaantg cttggctact tgttcttttt gcaggnatcc      60
catcgattcg aattcggcac gaggccaggc taatttttgt atttttagta gagatgggggt      120
ttcaccatgt ctcaaactcc tgacctcagg cgatccaccc acctcagcgt cccaaagtgc      180
tggtgattata ggcgtgagcc accgcacctg gcctatgagt ggtcttttaa ttaggaacaa      240
atctaattgga aaggagagtt gactgaagtt ggcccacagg attgtgagct gggcagtgcc      300
ttcatgaagg cttgccacct tgggacgccc cagtttactg ggggtgtctg cggagtgcag      360
aagctttctg gcagctgcct ggggtttggcc agacctgcc tccctcccg ccggccaacc      420
cctagtcccc ttctgtctc cacttgcatt caggggtggc tgctgttctg agaacattag      480
aactgggaag agagatggga gtcacatgga tttttggtgg gcattattct gaactttcgt      540
atccaagtta gtccccctta ttccactgtg ggcattgccc gtctaagcag ttacctgatg      600
cctgctgctg aaanctgctc acaggangcg gcggcggccc tggcactgnc cttgcattag      660
ncttgngttt gatgtgttct tnggaattac tttgtcagac aaaatattac ccgttggggtc      720
angaattctt ttactccc                                738

```

<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

```

agtttnncta tgaacncttg gganctcaan ngcttggcta cttgttcttt ttgcaggcat      60
cccatcgctt cgaattcggc acgaggtttt ntgttatagg taacaggaaa acaaactaat      120
ncaagtggta atgtgtccag ctaaaaattt gggttctgtt aagggttaaaa gaaaatttga      180
ggtanccagc agtatctgcc tcagatgctg anaagcctcc tgagataaga gcgtatacca      240
tgtccataac tgaagtttta acattctntg ccaaacagaa ccagaattta agggcaggag      300
aatttgcaag atagaatttg caatttgcaa gaggggaattg caattctgca agagaggggc      360

```

```

aatttgcaat ttgcacagag agggcaattt gcaagagaga attgtggggc cctnagagag 420
aatacatcca naggaagagg gaaccangcn ttacaaattg aatngaacaa ggacagatat 480
ctgaaggggg tttggtagt cccantcaag tatggtacan ctangtgcac ttccctggcc 540
agaccaccct acagtgtatg atccccctgg ggagcaaaaag ctgcaagtaa cacttttggg 600
gccctataaa ttctgctgtg gngccactat acngatcaca gccaanatggg cattgtnccc 660
ttttcacag gatctgggca tncacnccan gattgcacat ctggcacgan tgtgtctgga 720
caggaagacc t 731

```

<210> 3909

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 3909

```

ttctttgaaa cctnangget tgggcnactc gttctttntc caggagccc atgcgnttcg 60
aattcggcac gagggtcatt gatagcaagt aagtaacttc tgaaggcttt ccagttcaaa 120
agattacaag ccattctgcc tgccaaacaa attatattct gaagatgcct gttttgtaac 180
ccttgatgtg aatttttttg tgtctgaaat ttacaaaaga atgaaattga aattgtaaaa 240
cactaaatgc tttgggttta ttttgaagta atctgttact taaaatgtc aacattagga 300
agccataaaa caagatatta tgaaacccan tattataaat gttatctaca tctaaagtat 360
tttaaaataa cttattggca gctttattct ttttttcctt acaagattta gaatcttttt 420
ggttatatgt ctatttttca attttgttat atttttaatt taagtggcca atgtggttat 480
gaacaagatt tgtatggtca gcttctgttc tttcctaaaa cttcagatna atatcatttt 540
agctataacc taaaaaagtg ttaaataaaa tgacagatgt taatttaaaa gcagccatat 600
gctaatttac tttttcatat gatgatggtc taatgggaag ttccatatgc tttcttttgg 660
gcctaactct gaaaaaggtn tatgtcagaa gttctnggaa atatgtcttt agccaaggaa 720
ttttattccc cttaaaattt ggntacc 747

```

<210> 3910

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3910

```

caanctaang gcttgggcta cttgttcttt ttgcaggnan cccatgcgat tcgaattcgg 60
cacgaggctc attccagctg gtctatcgtg ggcctcanaa ggtgaagagg gaccgtattc 120
tggggcccac natagaccag ctgtagctna ttncanctg taccttgggt gatgggtaac 180
ctacnactgc atcccatnct gaatatnctt tgaaactccn cannagtgtc tatttaagtg 240
taaannctcc tnagagnact gcnnnnnnnn atngtgnatc tnnccctgnc cntnganngc 300
tnnangngcn ccactactnc aanccanaaa gaaaagngtg ctgntcataa ngccncanta 360
cggatctgan ntcantnagga tnacattnnc cnaaaggag tnaantgnng gnaantgcnt 420
gncactatat gaantacacn ncantctgtg antcactttt aatnanntac tgancccttt 480
ctaactatca ggcgtnttat tncatgaatc ccnccntggg aagatacatt tntgaactng 540
ntcaaangcn aacttcaatg cngtganana aatgctctat ntngggaacn ttggngannc 600
tntngctata ttngaaacgn ntntnacctt gggactggcc aagtnaacan cnttcaatta 660
ccnttaaant ntantgttta aaggntncaa ngggnaggtc ntgtgnccnt nattaaatnt 720

```

aanaagnnngn ccatatccng ttnattcg

748

<210> 3911

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 3911

aacntaangc	ttggctactt	gttctttttg	caggagccca	tcgattcgaa	ttcggcacga	60
gcaccccttt	taggatttac	attagttctg	ttccagtaaa	ggcttaggta	ggaagcacag	120
gatgtagagc	tgagttgaac	ctattcccct	gatcttacta	atgaggtgcc	tgatattcag	180
agagaccaag	ggacatcccc	aaagtcaacc	agcaatccat	tagagctgag	cctagtacct	240
tgattctcag	acatgaatgc	tacttggtga	attgaaaatt	gcattcataa	tacatctctt	300
catagattcc	tggccaggaa	gccccagaga	ccaaaacagt	ggttatcaat	atttagaata	360
tatcagattt	acctggggag	ctttatcaaa	atccacactc	ctaagcccaa	tagggggaaa	420
ctctgatgtg	gtaggtttag	ggtaagacct	gagtatttcc	aagaaaacct	ccctggatga	480
tcctgacaca	gggagctttc	agatcatcct	ttgagaaaat	ctgctttaga	gctcattctt	540
tggttcggct	ntctcttttg	agctcactga	tatcatccct	gtggacactg	aactttttctg	600
gaagctttct	catctcagga	attggtttgg	gttactctac	aatcagattt	ccatncagga	660
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<210> 3912

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3912

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attggtgtat	gtcactgaaa	attccacagg	tacagtgggc	ttcaggcatg	gtttgattgg	180
gatgccagct	ccgttttgct	gagattccat	tggttctgct	ttctaccgtg	tttcagcccg	240
gttttaggtg	caaaacagng	gtggaaatgt	taggcttcac	atcacctgac	cacatagacc	300
aaaatgagag	ctaatatcca	ggatgagaat	gaacagctct	tctaatacagg	ctgtcataaa	360
aataaggaag	cttattttat	agaagccttt	accaaaccctc	cttctttgac	ttgntgntcc	420
aaattggatt	aaccagccca	ttctgcggc	caaggaaata	cacactgggt	aaccagctct	480
ttactaacc	ataccttttag	caaagagatt	ggattaccca	acaacttgat	tgctctggag	540
actactttg	agttggggta	tgagatagta	gataggagaa	tgatctgtaa	gtagatattg	600
gataagcgag	taagaaatgc	aaactacact	gaggtcttgc	actgggtctag	gttttgggac	660
ccagatgtaa	taggacatag	ntcttttctc	gagcctctag	aactatagtg	agtcgtatta	720
cgtagaacca	gacatgataa	gatncattga	tgagt			755

<210> 3913

<211> 739

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3913
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 cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat 180
 gtcattgtaaa tggggctctg tgttttgcag catcatgcag ctgtaacctt tgattcagca 240
 gataacaatg tgcattggcct ctccactcaa ggtaatgcct ttcagattca ttcaagtggc 300
 cgcattctatc ggtagttctt tctttttcat tgctgagcag tattccatca caagggtgta 360
 ccacagtttg ttcgtgcact catcaaagga catttaggtt gcttctagtn tttggtaatt 420
 atgaatagag ctgcttaaaa acagtgtaca catgttttta taggaacata agttntcagt 480
 tctttagggt aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgcctgac 540
 tatgaaaaac tgcccaccat tttccagtgc ggctgatcac tctgcattct catcagcagt 600
 gaacaagggt tctagttgct cctaccctn ttcagaatgt ggnattgnca gaattttaag 660
 tttanccag tcttaagaag tttngtattg ntatcatatc atgggtttta atttggnant 720
 tccctgaccg gataatggn 739

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3914
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 acgagtccta tntctctgca ctatcangng tnttntactn cctgctnaan ncnntggtgt 180
 ccatttnatt aagacagaag ttntctnttat tgtnaaaattt gaactgtatc tatgttataa 240
 tagtaatggt aactcantcc aaaggacct ntnacaggaa gtaacntgtc ntacatatca 300
 gtnnatatan ggnnnnaggt agggacatac tgtgatcttg gnataactgn aattttttan 360
 nttcctgggc ggttcantgc attgatnnat cacatnatnn taanacatgt atgttgagac 420
 anagcangan tctgtctcaa aaaaaggga aaattcctgg actacataaa ttaaaagtcc 480
 atgaatagga ttggcttcta gcatgcccct tcnggtgctc agacacttaa tcagaaattg 540
 gacttgangt tanttttatt ctcaggccaa ccttctccag tantgatgaa nanggccacn 600
 cagcaactnt gacctgcan tntggcaaaa atggatcana aaagtgtaan ctaagctgca 660
 tcngaangcc cangaatgcc tctnactggc ctgacttncg tcatngccc atctttgcac 720
 aacctgtggn ctttggcang gcaaggggn 749

<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3915

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ctcaagtga	taggtgggccc	cagctggcct	cgtgcaggag	ggcacgtcac	tgcatacgac	180
ccggccaccg	tgttctgaag	gacagcgcca	aagatgggtt	agagtcactg	ctgtgggagt	240
cttcgtcccc	acacagagga	caggctgctc	agctccactg	tgcaagatga	tgacacacca	300
gaccagtga	gtcaggacga	tgctgctcac	gacagcaatg	gtgaagatgc	ctaccgtggt	360
cccatccttc	ctgcagcctg	ctgcggggcag	gacgctcagc	tggctgtgag	ctcgtccgt	420
gcccaggggtg	ttggacatct	cacagatacc	acacggtcct	ccaaggggac	caccaaggat	480
ggggtctcta	caagagagca	acagagatct	tagtcattct	cagggcctcc	gttgctctgg	540
ctctgccggt	cttctggaca	acggacaatc	caacatatca	atgagatgca	tctgagattc	600
tgtctcanag	tggcaagctt	tggagaagac	ccttcaactc	attgactgag	tcatctccat	660
gctgggagtg	gcttccacag	ggacagtga	cctctgctga	caaaaagcccc	tgctattcct	720
taactgtcct	gggc					734

<210> 3916

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3916

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ttacaggcat	gagccaccat	gcccggccct	ggatgtattn	tctatcctag	aatgtccacc	180
tttaaaaatg	aagcccaagt	aaaagtgttc	ccccactaaa	atgtggactg	ttttgcttgc	240
agggatgtgt	gggtttcttg	tagatagaag	gctagagcta	gcaccttccc	aaattgcaga	300
ggaatcaatc	ctggcttgtc	tgtgagctgg	ggaggaatgg	aaaggtaggg	gccttgagag	360
tccttaatta	catagggaat	gtcctatcat	tttgtntatt	ctttaaaaag	ataatgggat	420
tctttntn	tggtgttagt	ctcgttttgt	cacgcaggct	ggggtgcaat	ggtgtgatct	480
cggctcactg	catcctctgn	ttcctgggtt	caagcaatc	tctgcctca	gcctctcaag	540
tagctaagat	tacaggcatg	caccaacatg	cccactaatn	tttgtactnt	tagtaaagac	600
ngggttttgc	catngttggc	caagcttggt	ctcaaaactcc	tgacctcaga	tgatccaccc	660
tntttgggaa	ccaaggcagg	aagattgctg	gcagccaaga	attcnanggt	gcaatgagct	720
atgattacat	cactgngctt	caa				743

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3917

ttntnnnnan	ctaanggctt	ggctacttgt	tcttttttgc	ggagcccatg	cgattcgga	60
aaatatagct	aacactta	gtttgaggtc	tgagcacttt	acattaaata	tttaacctat	120
aaaatgaaat	gagaacttac	ttttattatc	ctcacttata	cagatgagga	aaccaagaca	180
cccagagatt	aataatttgc	ctaaggtaac	aaaattagta	agcatcgtaa	ccaggatttt	240
tggtcagtct	acacaccttc	cccgttccct	cactatagtg	cctgctgcaa	attgtacttt	300
aagctatagt	tggacaaaat	attaaaaatc	atctgggatg	ataggtgacc	aaaaaaaaaa	360

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gtatatattga aagtatcaca gtgttaacag ggcagtgaag atgataaggc taagatacac 420
aaaggaaacc agagagcaga gtctactgct tgggactgtg gctcctccag gcacctttga 480
ccattcccaa taaggtagcg tgagaccctg agcactcttc ctgtaccacc tacacagctc 540
tcctcttctt ttcttgggtt tactttatct ttcactatca gcatctgttg cactatattg 600
tcgttatgtc agtatttggt tgttgattac ccattctcca tggctaggaa tgtcagctcc 660
agcctgggca acaagagcta actccatctc aaaaaaggaa aaaaaaaaaa aaaaaaaaaa 720
tcgggccttt ana 733

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<210> 3918

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3918

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atcgattcga attcggcacg agctgaagtg aggttgaggt ggggtgcacgg agcccccatg 120
ccctcagtgg gtacaccagc ctcccagcac ttctcatgt tcaccaacac ggaagcttat 180
cagagcttgt tgtttcagaa ctcaattgcc agctcactgc tgaagagatt ggtgggtagg 240
gctgaaagaa atatcagtgg gtctttgttg tattcagccc catcctgaga tggcctatcc 300
aggggctcta taagaagtca cctcattagc ataaactcac atgtgaccaa aaggatcttg 360
ttatgaataa caaagatgt tcttattact caggaaatcc caagagtta gatgctctgt 420
gtcaggggaa tggggatgca gaccaatttc ttattctatc acattaacca gaatcaagct 480
tataaaaatg tatttttttt tgtatgggtc tcantgtgcc tacttgaata atttttgctg 540
atttgattaa aaaattctgn ttttccattc tcttttatta gctgtcccat agttttaata 600
cagccatcat cccaagacca gaaggaagtt aagtgtcat ttataaaaat gattgnatcc 660
tntttttcca tctattactt ttngtcccat tatgcatgtc aagctgggtg ttgggagctt 720
actctntgna ccctctatta gacagang 748

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<210> 3919

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 3919

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gagctttcat ggtatgtcca taggtgtaaa atgatggcct taatgcttat aataataagg 120
taggtttttg tatgtctaata atacagagaa atttccaaag actttttaat ctttgcttag 180
cataaggagt ttagtcagta actattacaa ggaaaaaatg atcagttttc atttgtcagt 240
tctataagcc ccaggcaagt ttctttcggt ttgactttt tatttaattaa ccatatccta 300
agtgtctaaa gccatgagtc attttttaaa tttatctttt ttgtatgcc atcacttcta 360
gttttaccac ttgtactca caaagaagcc acaaatggat taatcattat gtcacttaag 420
gaaataaatc catggcatag gggtaaattt aaaaaatact ttgtactagg attttataat 480
agcttaaatt tattgaaggg ctactgtgtc acaatcaaca tgctcagcat ttttcatgtg 540
ttatttttcca ttgtactg gcaactactt aggattatct agttaaaatc ccttccttta 600
tggaatgaga tgtctgttta ttacgtttac agccacatta cagatctatt gacataaact 660
ccactatggt aattgtgtct ctttttttcc ccctctctgg ttcacctgct caatgggtta 720

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aca

723

<210> 3920
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (723)
 <223> n = A,T,C or G

<400> 3920
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 gtagttgtct cagcattctt caaatagtcc ggtcttggtt aatattatta ttattattgt 180
 tatttaattt tattttattg caactgtact tagagaatag tctgggtctg agaccttttc 240
 actgtgggtct gttctgggtg acggctccca ccagtgtgaa gcagaaggat gactttgctc 300
 tgttgctcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360
 gccacctagc atgtcccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420
 cagatccctg aatgccacag aaacctcaga ggcttgggat cccaggaccc tccagcgctc 480
 aagatctccc ttgccgtggg cctttccgtc atcacactgg ccacagtcct ctccaatgcc 540
 tttgtactca ccaccatctt actcaccagg aagctccaca ccctgccaa ctacctgatt 600
 ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccat cagcatcgcc 660
 tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgnccctc 720
 gan 723

<210> 3921
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 3921
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 ctcatgggct ggatcaccca caacttcatt ggcctcttct agtggaagct ggagcatttc 180
 cttgggtgaat tcttttcctt gaggggcaag atccatgccca cacagctctc tgacctgtg 240
 tgtcacaacc cttatgggtc atgagcaaaa tgggttgctag tagtcatttg ggcatttctc 300
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
 taactccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaatggagt 420
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
 agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttggg 540
 gatgatctga atacatggta ttgaggacaa accttcttcc caaggctgat ttgataatat 600
 gtgagtttgt ggggtctaaca tgtagaaata cactcaactg aatggatgtg gggtaatctg 660
 ggtattttaga cagggtgggt tggtnggttt aatgggncca aaccttggtt nctggaaaa 719

<210> 3922
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 3922

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gagagttaag	taggcactga	atattttaagt	tgagctgagg	ggagtgatct	agactggaca	180
taaatttttg	gagtcactag	tatacagatg	gcatgtcatg	gaactgattg	anattgtttg	240
tggccttaag	atcaagccct	gcagactgg	agtaataaaa	ctctggtctc	ccacacagtc	300
agctctgngt	ggggaaaaaa	aagccctaaa	acactaacia	cggctaaagc	ttggggcaaag	360
ganactgaaa	aggttcagcc	nttaaagtgg	gagagtattt	tattattttc	aagaaagagg	420
gaatggtcac	ctctgtcaaa	tgctgntgan	aagttacaca	atgagaatag	agaaatgtct	480
atttggaatn	gacaacatga	tggtgactgt	tttgacaagt	ggnccaagcc	acattgggat	540
gcttcgaaga	gagaatagga	agtgaggtga	atatcgacag	ctcgttaggg	aaatttgctg	600
ctgtaaaatg	gagagaacca	cttaatgctt	caganggaaa	tgggggtcaa	aaaaaaggct	660
ttttttttta	atttttttaa	naacaggagg	nccttcannc	atccagggtg	gagtgcattg	720
ngcaaattnc	cggttaccaa	anacn				745

<210> 3923
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 3923

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ggnagcccat	cgnttcgaat	tcggcacggg	cctagtagta	ccctgacctc	caggtgcccc	120
tgactctggg	aaagcctttc	tgatgatctc	aagcttgcan	attctgtccc	tgttctgacc	180
ggggggtcaca	gcctagtgg	agaacaggac	ctcctgctaa	gatgctggaa	ggaccctttg	240
ggggagctga	ggcctggctc	ccctctcccc	aggcgaggt	gcacaggcgt	gtgggctgtc	300
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gctgctgtta	attgtgctan	agatttgagg	catggttttg	gggtgaaggt	tnnaaatgag	420
caattagccc	tnaaatgtta	aactaataag	ggaaataaat	gatcaagcaa	agtctagcct	480
angaggtttc	agcaaccgaa	gatgggctgg	gacggggctg	ggatgccgcc	gaccagcag	540
ggagtggccc	ancnggtttg	cttcaatgac	ccangatgtt	tccacaantc	ggaaaggggt	600
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ttgctttccc	cacnccatta	nnacccc				747

<210> 3924
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3924

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atgggaaaca	accgaggaaa	gctggagcag	gttacgtata	aaaataaagt	ccattcacca	180
aaaaaggcat	tacttacgag	ttaccagggg	tgagagatag	gatgctgaag	tggtctagaa	240
attaagctac	ccagtatgga	agggtctgaca	attcagtgat	cgagagcagt	gccttagaac	300
agccaaaaca	atagcaaact	gagatctgca	gaattaactc	tcctgaaaat	aacaaggagg	360
tactcatttc	acgtttcctt	ctatttgatt	tacaagaggg	tgtagcttga	gggaaaatgc	420
ctcacacttg	ttgaattaca	cagttgtttc	tcattcactt	ttaatcacgt	tttgagcacc	480
tgctaagtac	caggcatttt	gctaattgagg	agcacagagg	taaaagacac	atcactactg	540
tatgaaatgc	gtagctcant	gggtgtgatac	acaagcacag	agaggtnacc	agagagcaag	600
gagggcatgg	aaganaggcc	ttnactttt	ggactgggaa	nggagaaaga	tgtangacaa	660
gaaaatcttt	cccttaagga	gcttgatgct	ttgaacttgt	gccctngngg	aatgaanaag	720
ttnaccant	tnnggcttan	cnt				743

<210> 3925

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3925

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tggggttgac	cagaggtagg	caaaggaagg	cctgtgggcc	aaatctggcc	agctacctgt	180
ttttataaat	aaagttttat	tggaacacaa	ccatgctggg	gtttgtttca	tatttcctga	240
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tgtcagggtg	tananaactaa	ggagggagtg	ataagtccct	gttgccacc	tgaggttttg	420
nctgtgtcag	gaagctgcag	atgggagatg	tccaggcagt	ggctcanaag	aacccatgga	480
ggacccatta	agggaanggt	tggtatgtgg	acaccancca	cgcccangtg	aaccanctgt	540
gcagtcaaata	acanaaacttn	ccgtccctta	caccttcctt	ctctgnggtt	tcaatttttag	600
tgaaagtcan	ccacaccnca	nanngngaac	caacccgtgc	agtcaaaatn	caaaactttc	660
cttgccctt	taaaccttcc	tttttncctg	gtttccaatc	ctggtggaag	gtccataagc	720
cccagtcctt	gaanccaagg	nng				743

<210> 3926

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3926

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cnnacaggnag	cccatcgctt	cgctcnacna	catnntctggg	cccttttttca	tggttgattna	120
tgncnagtgt	nnngggacag	gaccattcan	tggtctgntt	nnaannttga	tgngtgnan	180
tgcnntaga	ataaanngaa	cagancaaaa	taangnnngg	ntagnaggaa	gatggnatgc	240
acatganaag	ataanggcag	cagnanagggt	gaggaanga	gtggatatng	gggaatgacn	300
ttatnaangc	cangaaacta	gaatctnagn	gacggaaaag	ctnnaaaagn	tctgagncnc	360

ttnnncnanac	ggnggggtacc	cnnggggtcga	acaaaccgnc	ttcttttgaca	tgttgtanca	420
tactgaacan	ggnntccnaa	tectgcggcc	aangnaagac	acgnagncta	nccnagtcgc	480
tanngccnna	accaatggcn	attncnaggc	gtgatctaac	gcactacagc	ttgnactcct	540
gggctgaggc	ggganaatca	cttggaacca	ggaggcatga	anttgcangt	gagnctnaga	600
acacgccaat	gncatacgcc	tngnnccccn	anggnccnaa	aacccccggt	cttaanaaaa	660
angggaccca	agaaagggng	gaatccccc	acccccggccc	nntagaacca	tnntcaccct	720
aaaggggaag	gnnnctttta	nggaaaanna	nccgggcntg	gggnaaaaaa	acanggcctt	780
ntaggnc						787

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3927

tnnttgnaa	ctaangcttg	gnagctngtt	gttcttnccn	caggntncca	tcgattcgtc	60
tgtggttgga	agcctgaatg	tgaatcgctg	caaccagacc	acagggcagt	gtgagtgtcg	120
gccagggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	taaattacac	180
ttctgggctc	tgtcagccat	gtgactgtag	tccacatgga	gctctcagca	taccgtgcaa	240
cagttctctggg	aaatgccagt	gcaaagtggg	tgctattggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgccctca	caggtgcttg	tttaaactgc	caggaaaata	gcaaaggaaa	420
tcactgtgaa	gaatgtaaag	aaggatttta	tcagagtcct	gatgccacta	aagaatgtct	480
tcgctgccct	tggttcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	ccgactgcaa	taaatgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gacccagtt	aaaactccca	aagatttgta	agcccnaaaa	ntggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3928

agggnnnnntn	nnnttnncta	ctgnaacctc	taanngcttg	gcnacttggt	ctttttgcag	60
gnagcccagc	gattcgaatt	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120
aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgtctgttaa	cagattatag	tcagtgaggc	ctctttcctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgctctaacc	ctgttttcac	ttatcagtc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcct	caaagtttct	ctcagtggtt	atccaagatg	taattcactt	420
agcatcttta	tctcgctgca	caggactaga	gttgccctcg	aaaaaactca	ggataccact	480
tggtcataga	tcacagtact	tgttcctcgt	atttgcggtta	actngtgtga	atatgcagcc	540
tccgtgagat	atttgcatat	tgcttctgtg	aacacacagg	acaacagact	gtcttccgca	600
gtcatatact	cagtcataat	ctcaaataag	tattccagtt	caaagtata	aaatcagtag	660

tcttacatgt tacagantgg gtgggatgtt cctttgccag gggattaaaa aaaaaaaaaat 720
 cccaagtctt aatactgntt tctnccnacg aat 753

<210> 3929
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3929
 ngngnnnnnn ntttnnnnn nnttggaac ctgtgcnagg ctcttgttct ttttgcaggn 60
 acccatcgat tcgattcggc acgaggtgga ataatatctt ttgaaataac taagtccact 120
 aaattataca gtatgctatt ctggttctaa gtacatatta gtcccttggc aaatctgttc 180
 tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaaat 240
 gtggtagtag taggtgtnag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
 gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
 gatattatcct acttgggaga aatattttgt agcagagtat ttagtatact tagaagttga 420
 ttttagcaatt aggtcttaat gaccttaca agtgaacata actgaacaca ngatatttttc 480
 caatgcaaga tgaggatgaa aatntttacat ttttaacccat ctggctaaag ttttagactta 540
 gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
 tgtgtaataa ggaggattg gactgaaata tnnnttgcag ggtttcacat gtaaaactgc 660
 acttgccctg naaggatnnt ggnaanaatc tngntttttc ctcagnnnc nttnagaaca 720
 gtaaggggnc ctaacctnnt ttaaccgta aatg 754

<210> 3930
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3930
 gnnnnnnnaa gngnntnnnn tttgatancn tnttnaanct taanggcttg gctacttgtt 60
 ctttttgcag gctcccagcg attcgaattc ggcacgagcc cgccacatgg cctgtttctt 120
 tccttgctgc tcctgcagca cagccctgac tcgggggctt tgcgtgtccc ctcancgctg 180
 cagggccac tccttctct gtcttggct ctgcttagcc agcgacgggt caggagggca 240
 tgggtggcca gcccgcaagg agccaggcct ccagcacccc ctcccttgt gtggcctcct 300
 cccacatggg atctcagccg gtcttggctt caactaaaca ggacgtggca ggcgtgatgc 360
 cctgccaat ccaggcctaa gccttgacac agcctggcag cttctgtctc tgaattgcag 420
 gaccccaact gtcattgaaa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
 cacgtgagag gccacatana caggccttgt ggagagggaa aggtgctgag actacctgga 540
 angggagccc agttgaccaa acacccccca ctgagcccat ccccgagnca ttccttgcca 600
 ggacacccaa catgtaagt angcatccc ggccgttcca ancttggnc ancgccantg 660
 ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggccnancnt 720
 gaanccccc ttnngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
 tggttnc 788

<210> 3931
 <211> 460

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3931

ttcnaccagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	cgaggcttgt	60
tctggggaaa	gctcatataa	gtatggattt	tattcctcaa	ctagtaggat	accaatactg	120
gtattgaaac	ttggggaaaa	taactggaga	taccagtgc	gctatttaaa	gctgtagcaa	180
gggctgcaat	cttgcggaga	ttttaagag	aagttttaaa	gtttctaata	ctgatgcctc	240
tttttggtta	atacaagttt	tataaatcct	gccctgggat	cctgattccc	cattaatcaa	300
gatttgtcag	acttcacctt	ctataattag	aaaacacagt	tataagaaca	gtcaattttt	360
taaattttcc	aaattaaaaa	attgcaccat	gattttgaac	aagcacttcc	aattacatta	420
cccatcttgt	atgccatagg	tgggagtata	attgtcacag			460

<210> 3932
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3932

anctaangct	tggctacttg	ttctttttgc	aggancccat	cgattcgaat	tcggcacgag	60
atttttaagt	tgcagctcag	ccgtatttag	tgtattcaca	atgttctgca	accaccagcc	120
tcctgagtag	ctgggtgtgc	accctgcacc	cagccagaag	tggaaatct	tggtggggct	180
gggcttagag	ctggagctgg	tggccggctc	tgctcgctta	cagaattctg	tacggtttct	240
gatttctctc	agcccatctg	tccttcactt	gcaagcatct	gatgactgct	gcatgtacca	300
taaaaacatg	caaatatata	attcttggct	ttgaggaggt	gaccctatga	aattgactta	360
aaaaagttgg	gctggatata	gtggctggcg	cctgtaatcc	cagcactttg	agaggctcag	420
gccggagggt	cgcttgagcc	caggagtttg	ataccctgtc	tgagagagaa	ttagctgggc	480
atgttagtgt	gcgcctgtgg	tcccagctac	tcaggaggcg	gggcgagagg	gatccttcca	540
gctgagatgt	gagggttctt	tgagcccagg	aggtccatac	tgagtgagc	catgattggg	600
ccactgcatt	ctagcctcag	tgacagantg	agactgttta	aaaaaaaaaa	aaaaaactcg	660
agcctntnaa	ctatagttag	tcgtattacg	tagatccnga	catgataaga	tacattgat	719

<210> 3933
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 3933

agagnntnnn	nnttggtgac	tctaattggct	tggctactng	ttctttntnc	aggagcccag	60
cgattcgaat	tcggcacgag	gacctggcgaa	ttttttttgt	atttttggta	gagtttcgtc	120
atgttgctta	ggatggtctc	aaactcctga	gctcaagtga	tccacctgcc	tcggcctccc	180

agagtgtctgg	gattacagtg	tgagccacca	tgccctcacct	aggggtgtttg	gtttttaagt	240
gaaacatgca	catggtaaac	attaaaaccg	tctaaaaggc	tggaccatga	aaagcaaggc	300
tcccttctcc	cacccaatcc	ctgaattctc	cctggagagt	atccctccta	agtgcacgca	360
cttcactct	gttccatttc	tgctgtttaa	aactacttag	tgcagcttag	tgtagtggaa	420
cctgcttcag	aataacccat	atgggtcttc	tttattctca	tgaaccacag	agcatttcat	480
gtgttgata	tattgtctcc	tacttacgga	catttggggg	tgtttctgtt	tttgtttgtt	540
ttgtgacgga	ctcttgetct	gtcaccacag	ctggagtgc	gtggcacagt	ctcgtcatt	600
gcaaccttca	cctcctgggt	tccaacgatt	cttcctctc	acctcccaag	tagctgggga	660
ctacaggtgc	ctgccacat	gcccactnat	ttttggattt	tttggtaaaa	caggggttca	720
ccatgtttgg	ccaggcttgg	tn				742

<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 3934

agtttnnnan	ntnaacnnnt	tgctgccata	gcgtggcttt	ttgcaggacc	catcgattcg	60
aattcggcac	gagggggccc	ccatttttct	caaatnccct	gagcctcaag	aggtggngga	120
agagttgaag	aagtacctgt	cgtanggaga	tttgggtaga	agccctcatg	ctgagctttg	180
tgtccctggg	gatgttggaa	cattaatgat	ggaacatggc	caaacttcag	tcatgatcct	240
gaaaccatgg	cttcaggatc	atgactgaag	tcatgggttc	ttccctgcca	gaaatgaagg	300
ttcagttatg	aggcaaccct	ctagtaaggc	attgtaaaag	ttactggntt	nggtttaata	360
aaagttgaaa	tanagtanat	gaaaganaaa	ananaaaact	nagcctctag	aactatagtg	420
agtcgtatta	cgtagatcca	gacatgatag	ggatacattg	atgactttgg	aaaaccaca	480
actagaatgc	actgaaaaaa	atgcttttatt	tgtgaaatc	gtgangctat	tgctttattt	540
gnaaccatta	taagctgcaa	taaacaagtt	aacaacagcc	aattgcattn	catttcatgt	600
ttccagggtc	aggggggaag	gncttgggga	aggggttttt	taaattnnac	ggggccgccg	660
tggnccaatg	ccnttggggc	cccgggtacc	caagcttttn	ggttnccctt	ttantgnaag	720
gggttnaatt	ggccccccct	tngggcntta	aatncatnng	gncantaacc	tnggncccc	780
cnggggtggg	aaaaatttt					799

<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3935

agagnnnnnn	ttgannctaa	tngctggtn	ctcgttcttt	ntncaggagc	cnancgantic	60
ggtaaattcc	tgggttccag	gctcaagcct	tccactgtat	gctccatgtt	accagctatg	120
ccttttgaac	gggagatggt	gcataaataa	ttgttgagta	tgcactttag	attcctttgct	180
aacatcacat	ttggtgaaac	tataaaataa	ttcccatgaa	aattggattg	cttaatatca	240
taactgatat	ttaataatat	ttaatatgtc	tctaaaattt	ctggctaaaa	tgaaaatatt	300
caaccatcag	gaaggagaaa	caaaactatt	actgtttgta	aacagtttat	catcagtact	360
tacctaaaaa	tcctggagaa	tgagctcaga	aatatttcta	agagttgaga	cagtttagca	420
aatgaacag	atacaacctc	aaaccaaacc	aaactagaaa	gctcagagga	cacagaaatg	480

ccagtactga	gctggcaaca	cctctgttgt	ttgtgaaaat	gttctctgga	acacatggac	540
acaggaaggg	gaacatcaca	ttctggggac	tgttgtgggg	tggggggatg	ggggaaaggg	600
ganaantncn	nngnnnnnnn	nnnncccant	nnntnnnnn	nnnnnttnn	nnnnnnnnnn	660
nnnnnnnnnn	nttnannnnn	nnnnngggnn	nnnnnnnnan	nnnnnctttg	gnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnccnn	nnnnnaaaan	nnnnnnnnnn	780
ntnnnnnnnn	tnnnnnnaaa	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnn	834

<210> 3936

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3936

agagnnnnnn	tttttgaanc	taatggctgg	ctactngttc	ttntncang	atcccatgcg	60
attcgaattc	ggcacgagtg	gaagctctca	ggccaaggtg	attgacagag	atggttttga	120
agtaatggaa	tgtataaaag	gagaccagta	tattgtggac	atggccaaca	ccaaggggtca	180
tacagcaatg	cttcatactg	gctcatggca	tcccaaaata	aagggagaat	ttatgacttg	240
ctcaaattgat	gcgactgtga	ggacgtggga	agttgaaaat	ccaaagaagc	aaaaaagtgt	300
gtttaaacca	cgacgatgc	aaggcaaaaa	agtcattccc	actacgtgca	catatagtag	360
agatggaaac	ctcatagcag	ctgcctgcc	gaatggaagc	atacagatct	gggaccgaaa	420
tttgactgtt	catcctaagt	tccactataa	acaggctcat	gactcgggca	cagacacttt	480
tgcgtgactt	tttccatga	tggtaatgtc	cttgcccttc	gtggagggtga	cgattcatta	540
aaattatggg	acatccgaca	atttaataaa	ccactttttt	cacctcgggt	cttcccacca	600
tgttcccaat	gactgactgc	tgtttcagtc	cagatgataa	gctcatagtc	actggtacat	660
ctattcaaag	agggatgtgg	cancggcaaa	cttggtttct	ttgaaccgta	ggactttcca	720
aaggggtgtat	gaaatagaca	tcccagat				748

<210> 3937

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3937

agnnnttnn	nctttgaatn	tnatgctggc	tacttgttct	ttttgcaggt	ngcccatcga	60
ttcgaattcg	gcacgaggta	agatcctgcc	tcaaaaaaaa	aagtttatgt	tctcaaagtg	120
ctcataatct	agtggtagta	cagtatttga	gatattagag	cagtttctcc	tccttttgca	180
actaaggaca	tgtatcctta	aagcagaagg	aatggcagag	tcgtgtaata	aaccctcaag	240
taccattact	tagcttcaac	aactatcgac	actctactgt	tcttgtttca	tttatgcctc	300
acctccttcc	catccccac	ttgaatatcc	tcaccccttt	tttacagttt	ttaagataac	360
aattacataa	ctgaaatgca	caaactcttag	ctgtacagtt	ttgacatatg	gatacacctg	420
tgtaaccaat	gactgtatca	caacatagag	catttcatct	ccccagcaag	atccatgtgt	480
cttttcctag	ttaatgcctc	tttatttctg	agatggttat	tgcctctgctt	ttgtttttca	540
tgtaggcta	gtcttgctg	ttctagaatt	tcataataact	gagaacatac	agnaatgtac	600
tcactagtag	tgtctgactt	tttcacaaag	gataatgtct	ggcggtatcc	attcatgctg	660
ggngtatgca	tcagtagttn	attntctttt	tactattaag	tagtgttcta	aggactattt	720
taatagcatn	ccacaaangg	ggtntga				747

<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 3938

agttnttcnc	angannactn	antgggctgc	cctactcggt	ctttttgcag	gnngcccatc	60
nattcgaatt	cggcacgagg	tgtgggtcan	tttcatcaag	tactttacaa	ggtaatagaa	120
tatcacaagg	caagtggagg	caggggtgaga	tcacgggacc	agggcgaaat	taaaattgct	180
aaatgaagtt	tcgggacacca	ttgtcattga	taacatctta	tcaggagaca	gggttttgag	240
atcaaccagt	ctgacccaaa	tttattaggc	gggaatttcc	tcttcctaata	aagcctggga	300
gcgctatggg	agactggggg	ctatttcacc	cctgcagttt	cgacagtaag	agacggccac	360
gcccaggggg	ccagtttaaga	gacccacccc	caggtgcgca	ttctctttct	cagggatggt	420
ccttgctgag	aaaaagaatt	cagtgatatt	tctcccatct	gcttttgaaa	gaagagaaat	480
atggctctgt	tcggcccgcc	tcaccggcgg	ccagagttaa	aggntatctc	tcttattccc	540
tgacaatcgc	tgttatcctg	ntttttcaag	gtgcccacat	ttcatattgc	tcaaacacac	600
atgctgtaca	atgtgtgcag	ttaatacagt	tattacaggg	tcctgaggtg	acatacatcc	660
tcctcagctg	acaggattaa	gagattnaag	taagtaaaga	caggcatagg	aaatcacaag	720
ggtattgact	gggggaagtg	ataantn				747

<210> 3939
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (810)
 <223> n = A,T,C or G

<400> 3939

agnctntnnc	canntnnact	nctntggctg	cncatactcg	tcctcgcccn	annangacag	60
ggcnnggcga	atnccggcaen	cagaggcagg	tgngtttttt	aaaaggtnaa	cacaccngtt	120
atgccttcnn	gtacgggcat	gcgagccaga	agantntgca	nctgcnnnga	gagatgaagc	180
naaactntgc	aacattcaac	tgcatataaa	aaaaatgatg	ccnanagggc	ctttgagcaa	240
gaaatgnngg	nngatnaang	acacccgnng	ccngaactct	gcgcgggaca	tnnnggttat	300
ggctctgtna	gctcntaacn	ctgcagntga	cccagacnnc	tannggcngg	actaggggat	360
gangcggtc	actgtgggcn	ntnccgtgaga	ccncaggnc	nncatgatga	ctgnaaacag	420
antcccanan	actctactgg	atcctccctt	ttccttgcta	acacatgaaa	ctgatccagg	480
atacacagcg	caanaagnat	ctgaatggca	gtgaattctc	ttnaacataa	cccgcnatgg	540
cnatnggggc	ttcantggaa	tagangggta	caggtcaacn	gggggtgacc	ctgcggnttn	600
gnnnggnan	cggcnttntg	agncanaaat	acnccgtaang	ccaantttac	agccatgaan	660
caaggatccc	ccnttngggg	tttggggatc	atcacggnat	tgntgttggt	ggcantaacg	720
ctgaaatgga	aaagggaacc	ttgcccctta	natgaccctt	tggggaaanc	ccctnaaaan	780
ggaatcgtaa	aagnccaanc	nccaangtcg				810

<210> 3940
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (749)
 <223> n = A,T,C or G

<400> 3940
 agagnnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngccag 60
 cgantcgaat tcggcacgag ataacttcta aggaaacaaa ccaccctcac atgcactatc 120
 tcatttgtat ttctgtcaat tctgaaaggc cagcatttgg ccagtattat ttgaatctgt 180
 attgtatttt ttaaccagaa gaatgaaggc ttatagcttc attccttttg aagaggaggc 240
 tggagaccac aggttaaagt caggtgcac gctcttgcc gccctggaa gggtccttc 300
 tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
 gacagagatt aatcatttat ttgtgaaggc ttttctgcc ttgctttctt gttctttttt 420
 aaatcttcac attgttttga tcccaaatg tttgtgtgt ccttactcaa aactaggaaa 480
 aacaattatg tggtaagagg ctgagagcca cttacttaaa tctcactaga tttatttgtg 540
 agaacatctg ttttctgata tttagacact tntcttcca ttgctgttc ctatgactca 600
 tgcacagtta tttgttcagg tttcatggga atttcccaag tgtatttacc tttgtttggg 660
 tttttaaaaa tgtaaatat attggcccaa taaatgagta tgtgtgtgca nggggactgt 720
 ggctgggtca ttgcatgtgg aaggggaan 749

<210> 3941
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)... (740)
 <223> n = A,T,C or G

<400> 3941
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<210> 3942
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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 3942